Streamium

WAC3500D

Congratulations on your purchase and welcome to Philips!
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For support call 0906 1010 017

Wireless Music Center

PHILIPS

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Philips Consumer Electronics

HK- 0721-WAC3500D
(report No.)

EC DECLARATION OF CONFORMITY

We,

Philips Consumer Electronics
(manufacturerís name)

Philips, Glaslaan 2, 5616 JB Eindhoven, The Netherlands
(manufacturerís address)

declare under our responsibility that the electrical product:

Philips	WAC3500D/12 /05
(name)	*(type or model)*

Wireless Music Center
(product description)

to which this declaration relates is in conformity with the following standards:

EN55013 : 2001 +A1:2003	EN 300 328 : 2004
EN55020 : 2002 + A1:2003 +A2:2005	EN 301 489-1 : 2005
EN 55022: 2006	EN 301 489-17: 2002
EN 55024: 1998 +A1:2001 +A2:2003	EN 50371 : 2002
EN 60065: 2002 +A1:2006	

(title and/or number and date of issue of the standards)

following the provisions of R &TTE Directive 1999/5/EC (incl. 73/23/EEC & 93/68/EEC directives and is produced by a manufacturing organization on ISO 9000 level.

Eindhoven,
May 24, 2007
(place, date)

Eric Tijssen
Program Manager
PCE I-Lab Entertainment Solutions
(signature, name and function)

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Important notes for users in the U.K.

Mains plug

This apparatus is fitted with an approved 13- Amp plug. To change a fuse in this type of plug, proceed as follows:

1. Remove fuse cover and fuse.
2. Fix the new fuse which should be a BS1362 5-Amp, A.S.T.A. or BSI approved type.
3. Refit the fuse cover.

   If the fitted plug is not suitable for your socket outlets, it should be cut off and an appropriate plug should be fitted in its place.

   If the mains plug contains a fuse, it should have a value of 5 Amp. If a plug without a fuse is used, the fuse at the distribution board should not be greater than 5 Amp.

   Note: The severed plug must be disposed, so as to avoid a possible shock hazard due to it being inserted into another 13-Amp socket.

How to connect a plug

The wires in the mains lead are colored using the following codes: blue = neutral (N), brown = live (L).

- As these colors may not correspond with the color markings identifying the terminals in your plug, proceed as follows:
  - Connect the blue wire to the terminal marked N or colored black.
  - Connect the brown wire to the terminal marked L or colored red.
  - Do not connect either wire to the earth terminal in the plug, marked E (or e) or colored green (or green and yellow).

Before replacing the plug cover, make sure that the cord grip is clamped over the sheath of the lead and not simply over the two wires.

Copyright in the U.K.

Recording and playback of any materials may require consent. See Copyright Act 1956 and The Performerb's Protection Acts 1958 to 1972.

Norge

Typeskilt finnes på apparatens bakside.

Observer: Nettbryteren er sekundert innkoplet. Den innebygde netdelen er derfor ikke frakoplet nettet så lenge apparatet er tilsluttet nettkontakten.

For å redusere faren for brann eller elektrisk støt, skal apparatet ikke utsettes for regn eller fuktighet.

CE 0682 ! R&TTE Directive 1999/5/EC

BE ✓	DK ✓	GR ✓	ES ✓	FR ✓
IE ✓	IT ✓	LU ✓	NL ✓	AT ✓
PT ✓	FI ✓	SE ✓	UK ✓	NO ✓
DE ✓	CH ✓	PL ✓	HU ✓	SK ✓
CZ ✓				

CLASS 1
LASER PRODUCT

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ENGLISH

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1 Important

1.1 Safety

Warning! To avoid the risk fire, electric shock, injuries or damages, follow these safety instructions:

- Do not open the product or remove the cover. The interior does not contain any user-serviceable parts.
- Do not place objects filled with liquid, such as vases, on the product.
- Do not stick objects into the openings of the product.
- Do not drop objects such as paperclips into the openings.
- Do not expose the product to splashing or dripping water.
- Do not expose the product to rain or high humidity. The product is for indoor use only.
- Do not place sources of naked flames, such as burning candles, on the product.
- Position the product in a location with adequate ventilation. Allow at least 10 cm (4 inches) clearance at the rear and the top of the product and 5 cm (2 inches) on each side.
- Do not cover the ventilation openings with items such as newspapers, tablecloths, curtains, etc.
- Do not oil or lubricate the mechanical parts of the product.

Caution! To avoid the risk of injuries or damages, follow these safety instructions:

- Visible and invisible laser radiation! Do not look at the laser beam.
- The set does not contain any user-serviceable parts.
- Place the set on a level, firm and sturdy surface.
- Keep the system, batteries and discs in a cool dry place.
- Do not exposure the product to humidity, rain, or heat sources like radiators, amplifiers, or direct sunlight.
- Modification of the product can result in hazardous EMC radiation or other unsafe operations.

This product complies with the radio interference requirements of the European Community.

Philips Electronics, BG Entertainment Solutions, hereby declare that this product WAC3500D is in compliance with the essential requirements and other relevant provisions of the Directive 1999/5/EC.

The making of unauthorized duplicates of copy-protected materials, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitutes as criminal offence. This equipment should not be used for such purposes.

Note

The use of controls or adjustments or performance of procedures other than described in the user manual may result in hazardous radiation exposure or unsafe operation.

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1.2 GPL Package written offer

This product contains Linux 2.4.27-vrsl that is made available under the GNU GPL license version 2 (hereafter called 'the Program').

Philips Electronics Hong Kong Ltd. hereby offers to deliver or make available, upon request, for a charge no more than the cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code of the Program on a medium customarily used for software interchange. Please contact: Head of Development BLC Audio PDCC Development 5/F., Philips Electronics Building 5 Science Park East Avenue Hong Kong Science Park Shatin Hong Kong

This offer is valid for a period of three years after the date of purchase of this product.

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This offer is valid for a period of three years after the date of purchase of this product.

1.4 Environmental information

All redundant packaging material has been omitted. We made the packaging easily separable into three mono materials: cardboard (box), polystyrene foam (buffer) and polyethylene (bags, protective foam sheet).

The product consists of materials that can be recycled if disassembled by a specialized company. Please observe local regulations regarding the disposal of packaging materials, exhausted batteries and old equipment.

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1.5 Disposal of your old product

Your product is designed and manufactured with high quality materials and components, which can be recycled and reused.

In order to preserve, protect and improve the quality of the environment, protect human health, and utilize natural resources prudently and rationally, you should return the unserviceable product either to the place where you purchased it, or to a relevant facility in accordance with the local statutory regulations.

The crossed-out wheeled bin indicates that the product must not be disposed of in the household refuse. The symbol is used in conjunction either with a solid bar or the date of manufacture / launch.

Please act according to your local rules and do not dispose of your old products with your normal household waste. The correct disposal of your old product will help prevent potential negative consequences for the environment and human health.

Batteries contain chemical substances that may pollute the environment, so they should be disposed of at an official collection point.

1.6 Maintenance

Clean the set

- Use a soft cloth slightly moistened with a mild detergent solution.
- Do not use any solutions that contain alcohol, spirits, ammonia or abrasives, as these can harm the product.

Clean your discs

- When a disc becomes dirty, clean it with a cleaning cloth. Wipe the disc from the center out.
- Do not use solvents such as benzene, thinner, or antistatic spray intended for analog records.

Care for the HD (Hard Disk)

The HD is a delicate piece of equipment that is prone to damage due to its long recording capacity and high speed operation.

- Do not move the unit while it is switched on.
- Do not remove the AC power plug from the power outlet during operation.
- Do not use the unit in excessively hot or humid places as this may cause condensation to form inside the unit.

If the HD fails, playback and recording will not be possible. In this case, is will be necessary to replace the HD unit.

Note

The HD is not recommended for permanent storage of recorded contents. Before creating your music library, create a back up of the music on your PC. If necessary, you can later restore your system with these backup files.

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1.7 Hearing Safety

Listen at a moderate volume.

- Using headphones at a high volume can impair your hearing. This product can produce sounds in decibel ranges that may cause hearing loss for a normal person, even for exposure less than a minute. The higher decibel ranges are offered for those that may have already experienced some hearing loss.
- Sound can be deceiving. Over time your hearing 'comfort level' adapts to higher volumes of sound. So after prolonged listening, what sounds 'normal' can actually be loud and harmful to your hearing. To guard against this, set your volume to a safe level before your hearing adapts and leave it there.

To establish a safe volume level:

- Set your volume control at a low setting.
- Slowly increase the sound until you can hear it comfortably and clearly, without distortion.

Listen for reasonable periods of time:

- Prolonged exposure to sound, even at normally 'safe' levels, can also cause hearing loss.
- Be sure to use your equipment reasonably and take appropriate breaks.

Be sure to observe the following guidelines when using your headphones.

- Listen at reasonable volumes for reasonable periods of time.
- Be careful not to adjust the volume as your hearing adapts.
- Do not turn up the volume so high that you can't hear what's around you.
- You should use caution or temporarily discontinue use in potentially hazardous situations.
- Do not use headphones while operating a motorized vehicle, cycling, skateboarding, etc.; it may create a traffic hazard and is illegal in many areas.

Important (for models supplied with headphones):

Philips guarantees compliance with the maximum sound power of its audio players as determined by relevant regulatory bodies only with the original model of provided headphones. In case this one needs replacement, we recommend that you contact your retailer to order a model identical to that of the original, provided by Philips.

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1.8 Register your product

To fully benefit from the support that Philips offers, register your product at **www.philips.com/welcome**.

As it is possible for you to upgrade your product, we recommend that you also register your product on **www.club.philips.com** so that we can inform you as soon as new and free upgrades are available.

Products from Philips have been designed and manufactured to the highest quality standards. If your product does not work correctly, perhaps the connection and configuration must be revised.

To enhance your home entertainment experience, our support website (www.philips.com/support) offers you the information you need to enjoy your product as well as new additions to our range of products.

Please visit **www.philips.com/support** and enter the product name (WAC3500D) to view:

- FAQ (Frequently Asked Questions)
- Latest user manuals and PC software manuals
- Firmware upgrade files for WAC3500D online
- Interactive troubleshooting

If you register your product at **www.club.philips.com**, we will be able to inform you as soon as new and free upgrades are available.

Enjoy your Wireless Music Center!

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2 Your Wireless Music Center & Station

Congratulations on your purchase and welcome to Philips!

With the Wireless Music Center you can:

- Stream music from your PC
- Dock your iPod
- Plug & play from USB devices
- Enjoy HD playback

You can store up to 15000 songs in the 80GB Hard Disk of the Center and you can connect up to 5 Stations to Center.

All stored music can be wirelessly streamed from Center to the connected Stations using Wi-Fi*. Your CD player and PC are no longer bound by wires.

* *Wi-Fi is used to describe wireless LAN enabled products that are based on the IEEE 802.11 standards. The presence of the Wi-Fi logo indicates that a product has been certified for interoperability.*

2.1 What's in the box

Wireless Music Center WAC3500

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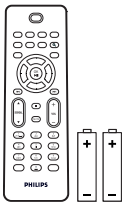
Supplied accessories

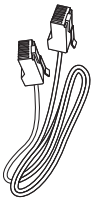


Remote control, 1-way, including 2x AAA batteries

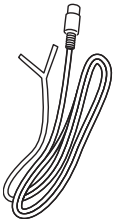
Quick start guide

User manual

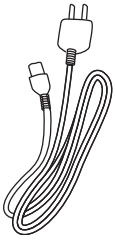
PC Suite CD



1 x Ethernet cable



1 x FM wire antenna

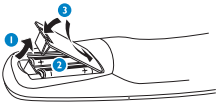


1 x AC power cable

iPod docking cradle

8 x iPod dock adapter

Before using the remote control:
Insert batteries as shown.



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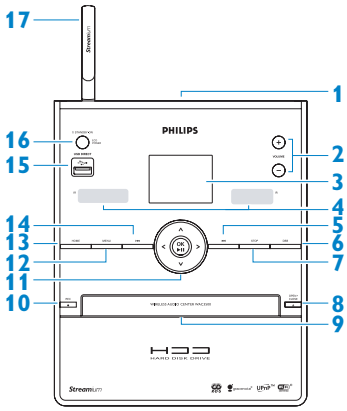
2.2 Overview Wireless Music Center



2.2.1 Controls on Center

1 🎧
headphones jack

2 **VOLUME +, -**
Adjusts the volume level up / down

3 **LCD**
Display shows the status of the set

4 **IR (infrared) remote control sensor**

5 ⏮
Press to skip to previous track / press and hold to rewind

6 **MARK/UNMARK**
Selects or deselects tracks you want to record (press & hold to select / deselect ALL tracks).

7 **STOP**
Stops playback or recording

8 **OPEN/CLOSE ⏏**
Opens / closes the CD door

9 **CD door**
Insert discs with graphics facing up

10 **REC ●**
CD/**Radio**/**AUX**: starts to record to the HARD DISK (HD)

11 ◀ / ▶ / ▲ / ▼
Navigation controls (left, right up, down) allow you to scroll through the option lists

◀
HD/CD/USB/UPnP: returns to previous option lists

▲ / ▼
HD/CD/USB/UPnP: skips/searches tracks/passage back/forward (in playback screen)
Fast scroll through options/alphanumeric lists
Radio: tunes to stations

▶
Confirms selection
Radio: enters the list of present stations

OK / ⏯
Starts or pauses playing

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12 HOME

Menu: **HD Music** HD,
CD CD,
Radio Radio,
UPnP (Universal Plug & Play) UPnP,
Portable (USB Universal Serial Bus) USB,
AUX (separately connected device) AUX

13 MENU

Enters or exits setup menu

14 ⏭

Press to skip to next track / press and hold to fast forward

15 ⇤

USB jack

16 ⏻ ON / STANDBY / ECO STANDBY

Press briefly to toggle between modes Standby and ON.
Press & hold to toggle power modes between ON and Eco Standby (power-saving mode).
Green indicator light = the set is switched ON.
Red indicator light = the set is switched to Standby or Eco Standby.

17 Wi-Fi antenna

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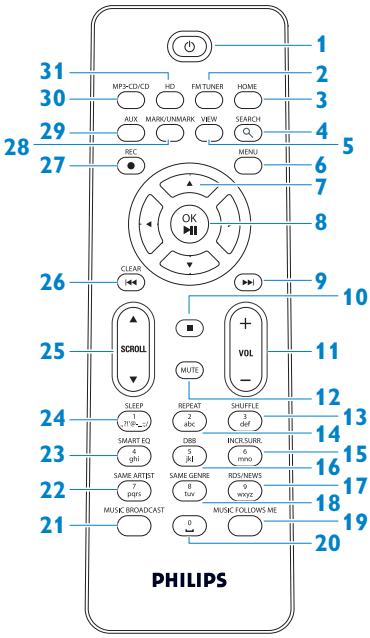
2.3 Overview remote controls



1 ⏻

Press briefly to switch the Center to ON or Standby

Press & hold to switch the Center to Eco Standby (power-saving mode)

2 FM TUNER

Selects FM radio

3 HOME

Selects

HD Music HD,

CD CD,

Radio Radio,

UPnP (Universal Plug & Play) UPnP,

Portable (USB Universal Serial Bus) USB, or

AUX (separately connected device) AUX

In Standby mode: switches the Center ON and selects **HD Music** HD,

CD CD,

Radio Radio,

UPnP UPnP,

Portable USB, or

AUX AUX

4 SEARCH (🔍)

Searches by keywords

5 VIEW

Toggles between playback screen and previous options list

6 MENU

Enters or exits the setup menu

7 ◀ / ▶ / ▲ / ▼

Navigation controls (left, right, up, down) allow you to scroll through the option lists

◀

HD/CD/USB/UPnP: returns to previous option lists

Text input: moves the cursor backwards

▲ / ▼

HD/CD/USB/UPnP: skips/searches tracks/passage back/forward (in playback screen)

Scrolls fast through options list

Radio: tunes to stations

▶

Confirms selection

Radio: enters the list of preset stations

Text entry: confirms input and moves the cursor forward

8 OK, ▶/II

Confirms selection

Starts playing

9 ⏭

Fast forwards or skips to next track

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10 ■
Stops playback or recording

11 **VOL +, -**
Adjusts the volume level up or down

12 **MUTE**
Deactivates the sound temporarily

13 **SHUFFLE** (**3 def**)
Selects random playback

14 **REPEAT** (**2 abc**)
Selects continuous playback

15 **INCR.SURR.** (**6 mno**)
Selects Incredible Surround sound effect

16 **DBB** (**D**ynamic **B**ass **B**oost) (**5 jkl**)
Toggles the bass enhancement between on (DBB1, DBB2, DBB3) and off

17 **RDS/NEWS** (**9 wxyz**)
Radio: selects RDS information
HD/CD/UPnP/AUX/USB: toggles between NEWS function on and off

18 **SAME GENRE** (**8 tuv**)
HD: plays all the tracks of the current Genre

19 **MUSIC FOLLOWS ME**
HD: moves music playback between Center and Station

20 (**0** ␣)

21 **MUSIC BROADCAST**
HD: broadcasts music from Center to Station

22 **SAME ARTIST** (**7 pqrs**)
HD: plays all the tracks of the current artist
HD: enables wireless range extender (refer to extender's manual for details)

23 **SMART EQ** (**4 ghi**)
HD: toggles between sound settings for the current Genre on or off

24 **SLEEP** (**1 .,?!'@-_:;/**)
Adjusts, displays or switches off the sleep timer

25 **SCROLL ▲, ▼**
Scrolls the display screen up or down

26 ⏮
Rewinds or skips to previous track

CLEAR
Text entry: deletes the input before the cursor

27 **REC ●**
CD/Radio/AUX: starts to record to the HD

28 **MARK/UNMARK**
Selects or deselects tracks you want to record (press & hold to select/deselect ALL tracks).

29 **AUX**
Selects AUX (separately connected device)

30 **CD/MP3-CD**
Selects CD source
In Standby mode: switches the Center ON and selects CD source

31 **HD**
Selects HD (Hard Disk) source
In Standby mode: switches the Center ON and selects HD (Hard Disk) source

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2.4 Overview display

Icons of the LCD:

Icon	Description	Icon	Description
	Client connected		Repeat all
	Client not connected		Repeat 1
	Music		Shuffle
	UPnP		Alarm
	Aux mode		Music broadcast
	CD mode		Music follows me
	HD mode		Mute
	Radio mode		RDS / NEWS
	USB mode		Sleep
	iPod mode		Smart EQ
	Record (rip) mode		Wi-Fi connected
			Wi-Fi and Ethernet connected

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3 Installation

3.1 Install Center

Note

Before you decide where and how to install the set, test the Wi-Fi connection and rear cable connections to find a suitable location.

The Center is designed to be free standing.

3.2 Connect AC power

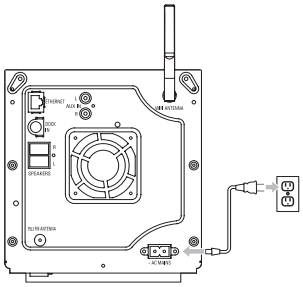
Important! Always press & hold ⏻ to switch the Center to power-saving mode before removing its power plug.

Ensure that all rear connections are established before you power up the set.

Connect the AC power cord to the mains outlet. The set is now powered up (switched on).

When in Standby or Eco Standby mode, Center still consume some power.

To disconnect the system from the power supply completely, remove the power plug from the mains outlet.



For users in the U.K., please follow the instructions on page iii.

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3.3 Rear connections

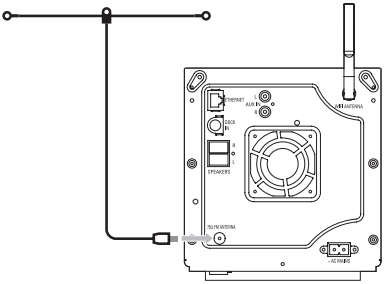
Note

- Never connect or disconnect power cables when the mains supply is switched on.
- Install Center within easy reach of suitable AC power outlets.

3.3.1 Connect antennas

1 Extend wire antenna.

2 Connect wire antenna to **FM antenna** jack:



3 Optional: To improve FM reception you can install an extension line (sold separately) between the wire antenna and the antenna jack.

4 Unwind the antenna extension line completely.

5 Move it in different directions to find the optimal reception (if possible, keep it away from the TV, VCR or other radiation sources).

6 For best results elevate or ceiling-mount the antenna.

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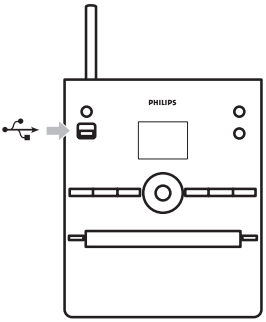
3.3.2 Connect a portable (USB) flash device

You can play back music from a portable (USB) flash device.
You can also transfer music from the library to the portable flash device.

1 Insert the USB plug of the portable flash device into the socket ⇠ on Center.



For portable flash devices with USB cable:

1 Insert one end of the USB cable (not supplied) into the socket ⇠ on Center.

2 Insert the other end of the USB cable into the USB output terminal of the portable flash device.

For more details and instructions on how to play and transfer music: See **10 External sources**.

Tip

- Center only supports portable (USB) flash devices that adhere to the following standards:
  - USB MSC (Type '0')
  - USB MTP
  - File system in FAT12 / FAT16 / FAT32
  - Operations based on simple folder type navigation (also known as a normal FAT file system), and not based on proprietary track database.
- The following USB devices will not be supported by Center:
  Products with database UI (Artists, Albums and Genre based navigation) as these products normally store music files in a specific hidden folder and use embedded proprietary track database that Center is unable to read properly.

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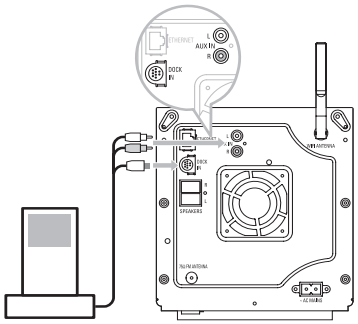
3.3.3 Connect your iPod

You can connect your iPod to the Center using the supplied Philips docking cradle and data/audio cable. Now you can enjoy the music library in your iPod via the sophisticated speaker system of the set. You can even charge your iPod at the same time.



1 Connect your Dock to Center:

   a Connect the 9-pin docking cable to the **DOCK IN** of Center.

   b Connect the audio cable to the **AUX IN** on Center (red & white plugs must match color coding of **AUX IN**).

2 Insert your iPod into the Dock.

3 Press **HOME** and select **Portable (iPod)** iPod.
> *Your iPod is displayed.*

4 Use ▲ or ▼ and ▶ on the remote control (or use the navigation control of your iPod) to select the music in your iPod menu system.

The iPod can now be controlled via the remote control of the Center.

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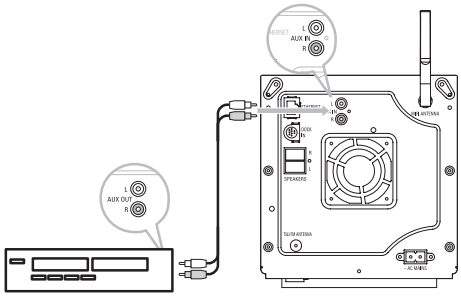
3.3.4 Connect additional appliances

It is possible to play audio output from an external source, e.g. TV, VCR, Laser Disc player, DVD player on Center. You can also record the audio output to the music library in the HD of Center.

On the additional appliance
Connect one end of the audio cable (not supplied) to the **AUDIO OUT** terminals on the additional appliance.



Connect the other end of the audio cables to the **AUX IN** terminals on Center.

To record audio output to the library (HD) of Center, see section **6.4 HD: Building music library on Center**.

For instructions on how to play back music from additional appliances, see **10.3 Play additional appliances**.

Tip

- If the connected device has only one single audio out terminal, connect it to the AUX IN left terminal. (Alternatively, you can use a 'single to double' cinch cable, but the sound output is still mono).
- Always refer to the user manual of your other equipment for complete connection.

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4 Prepare

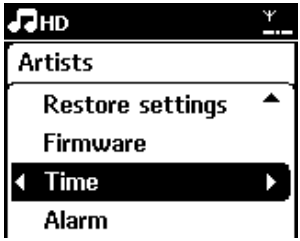
4.1 Set the clock

The time can be displayed in 24-hour or 12-hour format. You can set up your clock on Center. There are two methods to set the clock, RDS automatic time synchronization and manual time set-up.

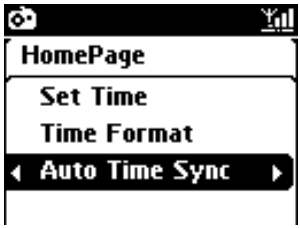
RDS auto time sync:
If you have preset RDS radio stations, you can synchronize the clock with one of the RDS stations.

1 Press **MENU** to enter the menu screen.

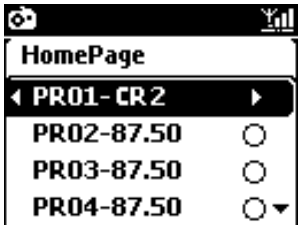
2 Use ▲ or ▼ and ▶ to select **Settings** followed by **Time**.



3 Use ▲ or ▼ and ▶ to select **Auto Time Sync**.



4 Use ▲ or ▼ and ▶ to select the RDS radio station you wish to synchronize the clock with.
> *The screen shows a confirmation screen:*



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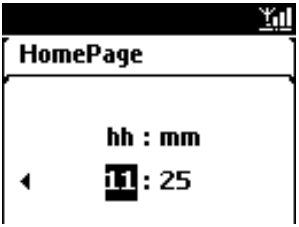
Manual time set:

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to select **Settings** followed by **Time**.

3 Use ▲, ▼, or the numeric keypad (**0-9**), and ▶ to select **Set Time**.

> *The display shows current clock setting (00:00 by default)*

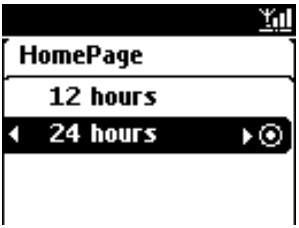


4 Use ▲, ▼, or the numeric keypad (**0-9**) repeatedly to set the hours followed by the minutes.

5 Confirm with **OK**.

Tip

- Change to 12-hour or 24-hour format:
  1 In the Time menu, select **Time Format**.
  2 Use ▲ or ▼ and ▶ to select your option.
- If you disconnect the power supply (pull the mains plug), the clock will be reset (settings will not be saved).



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4.1.1 View the clock

1 Press & hold **VIEW** button for about 5 seconds.
> *The clock will appear briefly in the display.*

Tip

- In Standby mode, you can briefly press View to turn on the LCD backlights and view clock more clearly.
- If you disconnect the power supply (pull the mains plug), the clock will be reset (settings will not be saved).

4.2 Remote control

Center is supplied with a remote control.

Important!
- Always point the remote control directly towards the IR sensor on Center.
- First, select the source you wish to control by pressing one of the source select keys on the remote control (for example MP3-CD/CD, HD, FM TUNER, AUX). Then select the desired function (for example ▶/II / ⏮ / ⏭).

4.2.1 Remote control battery installation

Caution!
To avoid the risk of explosion:
- Do not puncture, cut, or manipulate batteries in any way and do not throw them into the fire.
- Do not short-circuit the battery terminals.

To avoid burn injuries:
- Wear protective gloves when you handle leaking batteries.

To avoid leakage of corrosive battery fluid and damage to the product:
- Always replace all batteries at the same time
- Do not mix old and new batteries or batteries of different types.
- Replace batteries immediately if they are exhausted.
- Always remove the batteries, if the remote control will not be used for a longer period of time.

To avoid batteries being accidentally swallowed:
- Always keep them out of reach of children and pets. (Consult a physician immediately, if a battery has been swallowed!)

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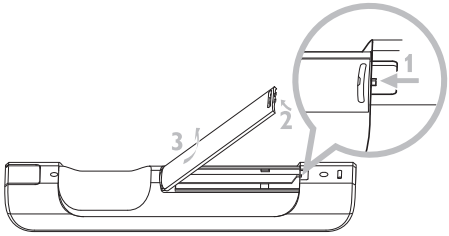
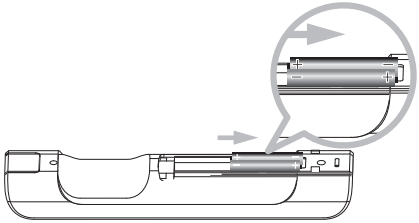
Installing batteries:

1 Open battery compartment.



2 Install 2 batteries type LR03 or AAA in the remote control..



3 Observe correct polarity (refer to '**+**' / '**-**' symbols inside the battery compartment).

4 Close battery compartment.

IMPORTANT BATTERY INFORMATION!

Batteries containing hazardous substances are marked with the crossed-out wheeled bin. The symbol indicates that it is prohibited to dispose of the product with the domestic refuse. The chemical symbols for the respective hazardous substances are Cd = Cadmium, Hg = Mercury, Pb = Lead.

You - as the user - are legally obliged to dispose of all batteries in accordance with your local regulations or to return them to the shop where you purchased the batteries.

Thus, you fulfill your legal obligations and contribute to environmental protection!

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4.3 Navigation controls

1 Use the navigation controls ◀ / ▶ / ▲ / ▼ when navigating through options.

2 Highlight options with ▲ / ▼.

3 Enter submenus with ▶.

4 Confirm selections with **OK** or ▶.

4.4 Alphanumeric keys

1 Use the alphanumeric keys to enter letters or numbers.

2 When the text box appears, press the alphanumeric keys repeatedly until the desired letter/number appears.

3 Use ◀ / ▶ to move the cursor back / forward.

4 Press ⏮ to delete the entry before the cursor.

5 Press **OK** to close the text box and move to the next option list.

Note

You will enter the previous / next option list if the cursor reaches the beginning or the end of the text box.

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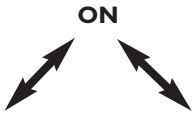
5 Basic functions

5.1 Power modes and functions

When you plug the product into your mains supply, it powers up and is in power mode **ON**. The ⏻ button allows you to change the power mode. A colored light in the button indicates the current power mode:

Status	Button indicator light
ON	green
Standby	red
Eco Standby (power-saving mode)	red



Status	STANDBY	ECO STANDBY
Characteristics	fast boot	slow boot
Remote control	on standby	off
Streaming	on standby	off

1 When Center is ON (green button light), press ⏻:

> *Center switches to Standby mode.*
> *The button light changes from green to red.*

To switch the Center back ON again,

a press ⏻.

> *Center switches ON and remembers the last source selected:*
> *The button light changes from red to green.*

OR

b press one of the source buttons on the remote control, **MP3-CD/CD**, **HD**, **FM TUNER**, **AUX**, or **HOME**.

2 To select functions, press **HOME** and use ▲ or ▼ and ▶ to select your option (**HOME**, respectively **MP3-CD/CD**, **HD** on remote control).

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5.2 Eco Standby (power-saving mode)

In the power-saving mode Eco Standby, the display and Wi-Fi connections of the product are turned off. The HD (Hard Disk) of Center also becomes inactive. When Center is switched to Eco Standby, you cannot stream music between Center and Stations or import music from the PC to Center. During Eco Standby the remote control is inactive.

1 With Center switched ON, press & hold ⏻:
> *Center changes to Eco Standby.*
The button lights up red.
The display is switched off.

2 To switch the Center ON, press ⏻ on the set. (The remote controls are still inactive.)
> *Center switches to the last source selected.*

Tip

- In the power-saving mode Eco Standby, the settings for networking, sound, display, language and CD recording, as well as the tuner presets, and the volume level (maximum: moderate level) will be retained in the memory of the set.
- To protect the HD, always switch Center to Eco Standby before removing its power plug from the mains outlet.
- Remember that the remote controls are inactive during Eco Standby.

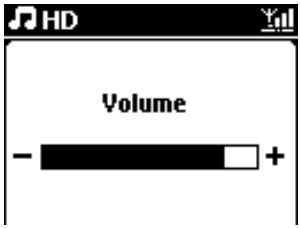
5.3 Auto-Standby

If at the end of playback / recording (ripping) Center remains in the stop mode for longer than 20 minutes, Center will automatically switch to Standby mode in order to save power.

5.4 Volume control

1 Check that playback has started.

2 Adjust the volume with **VOL +/-** buttons.
> *Display shows a horizontal bar indicating the volume level.*



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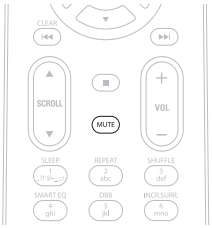
5.5 MUTE

During playback, you can deactivate the sound without switching off the set.

1 To deactivate the sound, press **MUTE**.



> *The icon* 🔇 *appears.*
Playback continues without sound.

2 To reactivate the sound, press **MUTE** again or adjust the volume with **VOL +**.
> *The icon* 🔇 *disappears.*

5.6 Sound control

5.6.1 Smart equalizer

This function enables you to play music with the matching sound settings.

Activate the Smart Equalizer:
1 During playback, press **SMART EQUALIZER**
> *The icon* 🔊 *appears if Smart Equalizer is activated.*

Deactivate the Smart Equalizer:
1 Press **MENU** to enter the menu screen

2 Press ▲ or ▼ and ▶ to select **Settings**, followed by **Equalizer**.

3 Press ▲ or ▼ and ▶ to select **Off**.
> *The icon* 🔊 *disappears.*

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5.6.2 Equalizer

Equalizer enables you to select predefined sound settings.

Set Equalizer:

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to select **Equalizer**.

3 Use ▲ or ▼ and ▶ to select **Rock**, **Pop** (default), **Jazz**, **Neutral**, **Techno**, **Classical**, **Treble/Bass**.

4 Confirm with **OK**.

Set Treble or Bass:

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to select **Settings**, followed by **Treble** or **Bass**.

3 Navigate ◀ / ▶ / ▲ / ▼ to highlight your option:
Treble (+3 to -3), **Bass** (+3 to -3)

5.6.3 DBB (Dynamic Bass Boost)

Press **DBB** (Dynamic Bass Boost) once or more times to change the bass settings. Select your option: **DBB OFF** (default), **DBB 1**, **DBB 2**, or **DBB 3**.

Tip

Some discs might be recorded in high modulation, which causes a distortion at high volume. If this occurs, switch off DBB or reduce the volume.

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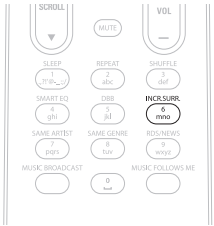
5.6.4 Incredible surround

Press **INCR. SURROUND** (**INCR. SURR.** on the remote control) once or more times to toggle the surround sound effect between **On** and **Off**.



> *Display shows:* ***IS ON*** *or* ***IS OFF****.*

5.7 Display adjustment

With the controls on Center (or on the remote control) you can adjust the backlight and contrast settings of the display.

1 Press **MENU** to enter the menu screen

2 Use ▲ or ▼ and ▶ to select **Settings**, followed by **Display**.

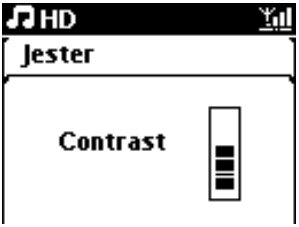
3 Press ▲ / ▼ and ▶ to select **Backlight** or **Contrast**:

Backlight

1 Press ▲ or ▼ and ▶ to select **On** or **Off**.

Contrast:

1 Press ▲ or ▼ to increase or reduce the contrast.



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5.8 Selecting languages

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to select **Settings**, followed by **Language**.

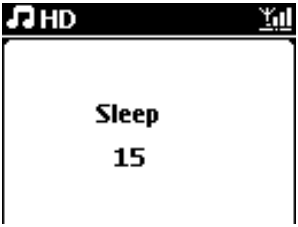
3 Use ▲ or ▼ and ▶ to choose **English**, **Français**, **Español**, **Nederlands**, **Italiano** or **Deutsch**.

5.9 Sleep

You can preset a certain period of time after which Center will switch to Standby mode.

1 On the remote control, press **SLEEP** repeatedly to select the desired time period (in minutes):
> *Display shows in sequence:* ***Sleep 15, 30, 45, 60, 90, 120, OFF****.*

2 Select the desired time period.
> *Display shows the selected option briefly and returns to its previous status. The icon* z³ *appears when a time is selected.*



3 To view the countdown time to Standby mode, briefly press **SLEEP** again.
> *When the selected sleep time expires, Center automatically switches to Standby mode.*

4 To deactivate the sleep timer before the sleep time expires, press **SLEEP** repeatedly until **SLEEP OFF** is selected. The icon z³ disappears.

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5.10 Alarm

Important! The clock must be set correctly before the alarm is set.

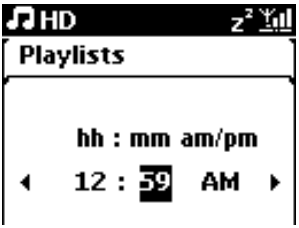
5.10.1 Set alarm / alarm time / repeat mode

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to select **Settings**.

3 Use ▲ or ▼ and ▶ to select **Alarm**, followed by **Alarm On** or **Off**.

> *The Alarm Time screen appears.*



4 In the Alarm Time screen, use ▲ or ▼ and ▶ to enter the hours and minutes.

5 Confirm the alarm time with **OK** or ▶.

6 Use ▲ or ▼ and ▶ to select repeat mode **Once** or **Daily**.

> *The screen briefly shows **Alarm On** and* *appears in the display.*

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6 HD (Hard Disk)

6.1 Play HD Music

Music is centrally stored in the 80GB HD (Hard Disk) on the Center.

1 Check that Center is switched ON or in Standby mode (see **5 Basic functions**).

2 Press **HOME** and select **HD Music** (or press **HD** on remote control).

> *Display shows **HD Music** and the categories of your music library: **Playlists**, **Artists**, **Albums**, **Genres**, **All tracks**.*

Playlists: customizable collection of your favorite tracks sorted by playlist name in alphanumeric order.
Artists: collection of albums sorted by artist name in alphanumeric order.
Albums: collection of albums sorted by album name in alphanumeric order.
Genres: collection of albums sorted by music style (only if album information available).
All tracks: All tracks sorted by track name in alphanumerical order.

3 Use ▲ or ▼ and ▶ to select your option.

6.2 Search

6.2.1 Search by keywords

The keyword should be the first letter or word in the title of the track you wish to search for: By entering a keyword, you can quickly find all the items beginning with the keyword you entered (note that this feature is case sensitive).

1 Navigate ◀ / ▶ / ▲ / ▼ to enter desired option list of tracks, albums or playlists.

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2 On remote control, press **SEARCH**
> *Display: text box appears*

3 Use alphanumeric keys to enter keyword (maximum 8 characters) (see **4.4 Prepare: Alphanumeric keys**)

4 Press **OK** to start searching
> *Display:* ***Searching...***
Searching starts from the beginning of current option list.
The matched items appear at the top of the list.
The option list automatically shows the closest match in the alphabet if no match is found.
Display: ***Searching...*** *disappears.*

5 Press **STOP** ■ to stop searching.

Tip
- Searching will also stop when:
- you select another source
- you switch off the set

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6.2.2 Select track of same artist

1 During playback, press **SAME ARTIST**

> *Playback of found tracks by the current artist continues after current track.*

6.2.3 Select track of same genre

1 During playback, press **SAME GENRE**

> *Playback of found tracks of same genre as current track continues after current track.*

Tip

Not all tracks have an automatic genre tag, so you may have to manually assign a genre for your tracks before loading them to the HD of Center.

6.2.4 Find track in current album (during playback)

1 In playback screen, navigate with ▲ / ▼ to select track in current album during playback.

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6.2.5 Find passage in current track (during playback)

1 In playback screen, press & hold ▲ / ▼ or ⏮ / ⏭

> *Track gets scanned at high speed.*

2 When you found the passage you want, release ▲ / ▼ or ⏮ / ⏭
> *Normal play resumes.*

6.3 Play modes REPEAT, SHUFFLE

1	plays the current track continuously
	repeats all the tracks (under current selection of playlist, artist, genre, album, or All tracks)
	repeats all the tracks (under current selection of playlist, artist, genre, album, or All tracks) in random order
	plays tracks (under current selection of playlist, artist, genre, album, or All tracks) in random order

1 During playback press **REPEAT** or / and **SHUFFLE** once or more times to select desired play mode. The play mode icons appear in the display.

2 To return to normal playback, press **REPEAT** or / and **SHUFFLE** repeatedly until the various mode icons disappear from the display.

Note
If 1 is active, it will be deactivated when pressing **SHUFFLE**. To activate / press first **SHUFFLE**, then **REPEAT 1**.

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6.4 Build music library on Center

Important!
- Recording is permitted only if there is no infringement of copyrights or any other rights of third parties.
- For CDs encoded with copyright protection technologies used by some record companies, recording will be restricted.
- The making of unauthorized duplicates of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.

You can build a music library in the HD of Center by ripping from CDs, importing from PC and recording from external sources.

6.4.1 Rip music from CDs

Important!
Ripped files are first stored in a temporary memory:
Always switch the Center to Eco Standby to ensure files are fully processed before disconnecting Center from the power source. While the Center is ripping the files, you can continue to listen to your music.

You can rip audio CD tracks from your CDs and store them as MP3 files in the HD of Center. The Gracenote MusicID® enables your set to look up CD information (including album, artist, genre, track information) from its database. It allows the recorded CD tracks to be properly categorized (for example, under artist, albums, genres or all tracks) and also to be merged with the existing tracks in the HD. To update your Gracenote® Media Database, see the section **12 Connect to your PC** in this manual.

Music recognition technology and related data are provided by Gracenote®. Gracenote is the industry standard in music recognition technology and related content delivery. For more information, please visit www.gracenote.com.

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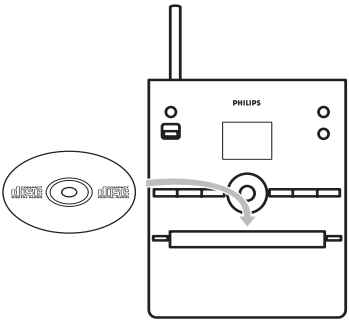
Rip from a CD at high speed:
(Audio CD, MP3/WMA CD)

1 Insert CD with printed side facing up:



For MP3/WMA CD, press ▶ on a highlighted file folder to enter the track list.

2 In the track list screen, press **RECORD** ● (remote control **REC**).
> *List of tracks with check boxes appears:*

3 Press **MARK/UNMARK** to select/deselect tracks (hold **MARK/UNMARK** to select/deselect all tracks).

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4 Press **RECORD ●** (**REC**) to start ripping.
> *Display shows **CD-Rip** and the current track name.*

(A default album name, e.g. Album_001 is assigned if the CD track information cannot be found in the Gracenote® database.)
> *Center returns to CD mode when ripping is complete.*

5 To rip another CD repeat steps 1 to 4 again.

6 To stop ripping, press **STOP ■**.

Rip from a CD during playback:
(Only from Audio CD)

1 During playback, press **RECORD ●** (remote control **REC**).
> *Recording and playback start from the current track.*
*Display shows **CD-Rec** and the current album name.*

Change ripping speed:
1 Press **MENU** to enter menu screen.

2 Use ▲ or ▼ and ▶ to select **Settings**.

3 In Settings screen, press ▲ or ▼ and ▶ to select **Rec Speed**.

4 Press ▲ or ▼ and ▶ to select **Normal Speed**.

5 Press **RECORD ●** (remote control **REC**) to start recording.

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Change ripping quality:

1 Press **MENU** to enter menu screen.

2 Use ▲ or ▼ and ▶ to select **Settings**.

3 In Settings screen, press ▲ or ▼ and ▶ to select **Rec Quality**.

4 Press ▲ or ▼ and ▶ to select **128kbps**, **160kbps**, **192kbps**, **256kbps**, or **320kbps**.

5 Press **RECORD** ● (remote control **REC**) to start recording.

Tip

- By default, the recorded tracks are converted to MP3 files at the rate of 128kbps (near-CD quality). For better sound quality, you can select a higher kbps rate.
- To edit track information on Center, see **6.10 Edit track information**, or to edit track information no your PC, see **12.1.2 Edit track information** using WADM.

6.4.2 Import from your PC

The **Wireless Audio Device Manager** (WADM) in the supplied PC Suite CD helps you organize music files on your PC and import them into Center. For details, see **12.1 Use WADM** in this manual.

6.4.3 Record from radio or external source

A maximum recording time of 3-hours can be made from the radio or an external source.

1

a In Radio mode, tune the desired radio station (see **8.1 FM radio: Tuning to radio stations**).

or

b In AUX mode, start playback from the external source.

2 Press **RECORD**

> *The recoding starts.*

3 Press **STOP** ■ to stop recording.

> *The recording will be saved as a file under RADIO or AUX in Albums. A file name is assigned, e.g. Radio_01, or Aux_01.*

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6.5 Create a playlist

A playlist is a custom collection of your favorite music. You can create up to 99 playlists in the HD of Center.

1 In **HD Music** mode, press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to select **Create Playlist**

> *A new playlist is created (a default album name, e.g. Playlist_001, is assigned). Display shows: Playlist created. To add tracks, select Add to Playlist.*

1 Navigate with ◀ / ▶ / ▲ / ▼ to highlight the desired Track or All tracks.

2 Select **Add to Playlist**.

3 Press **MENU** to enter the menu screen.

4 Use ▲ or ▼ and ▶ to display the selection of playlists.

5 Use ▲ or ▼ and ▶ to select the desired playlist.

> *Display shows all added tracks in playlist.*

6 Repeat steps to select and store all desired tracks.

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6.6 Delete a playlist, album or track

This feature works only on Center.

1 Navigate with ◀ / ▶ / ▲ / ▼ to enter a category (Playlist, Artists, Albums, Genres, All tracks).

2 If necessary, press ▲ or ▼ and ▶ once or more times to highlight the playlist album or track you wish to delete.

3 Press **MENU** to enter the menu screen.

4 Use ▲ or ▼ and ▶ to select **Delete Playlist**, **Delete Album** or **Delete Track**

5 Press ▶ to select **Yes**.

6.7 View track information

Note

The feature **View track information** is only available in mode HD Music.

1 Press the **VIEW** button on the remote control once or more times to enter the track list screen.

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2 Press ▶ to display the track information screen (e.g. track name, file type, file size, bit rate of mp3/wma files).

3 Press the **VIEW** button once or more times to return to the HD playback screen.

6.8 Backup to PC

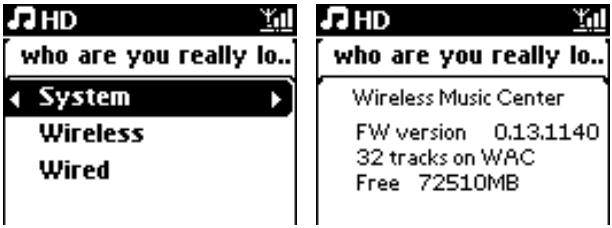
The Wireless Audio Device Manager (WADM) in the supplied PC Suite CD allows you to backup contents on the HD to your PC. The backup files on your PC can be subsequently restored to Center if the files on the HD are lost or corrupted. For details, see the section **12 Connect to your PC** in this manual.

6.9 View system information

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to enter **Information** menu.
> *The display shows: **System**, **Wireless** and **Wired**.*

a Use ▲ or ▼ and ▶ to select **System**.



> *Name of Center or Station and firmware version (on Center also: free hard disk space) is shown on the display:*

b Use ▲ or ▼ and ▶ to select **Wireless**.
> *List of available information items (e.g. SSID, Wireless Mode, WEP Key, MAC Address, Subnet mask, IP Address, and IP Mode) is shown on the display:*

c Use ▲ or ▼ and ▶ to select **Wired**.
> *List of available information (e.g. Subnet mask, IP Address, and IP mode) are shown on the display:*

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6.10 Edit track information

Note

Use the remote control to **Edit track information**.

You can edit track title, album name, etc.:

1 Press **HOME** to select **HD**.

2 Use ▲ or ▼ and ▶ to select the track to be edited.

3 Press **MENU**.

> *'Edit' is shown on the LCD display*

4 Use ▲ or ▼ and ▶ to select **Edit**.

Now you can start editing track information by following the sequence:
Edit track title > **Edit Artist name** > **Edit Album name** > **Edit Genre name**

5 Press the following keys on remote control to edit track information:

Alphanumeric keys	Insert text into the current position.
◀	Move highlight to previous editing position. In leftmost position: press to move to previous screen.
▶	Move highlight to next editing position.
⏮	Press briefly to delete highlighted text, Press & hold to delete all text.
OK	Confirms text and enters next screen.

> *When you completed your editing, the LCD shows 'Updating...' followed by 'Update success' (or 'System busy, please edit later' if the update was not successful).*

Tip

- If no key is pressed for 60 seconds, the edit screen will disappear without saving anything.
- You can enter an editing string of max. 21¬characters.
- You can also edit album/playlist names. (All tracks in that album/playlist will bear the new album/playlist name.)
- You can also use ▲ or ▼ on Center or remote control to enter text:

▲	Press briefly to skip to previous character Press & hold to fast scroll through the character list
▼	Press briefly to skip to next character Press & hold to fast scroll through the character list.

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7 CD

7.1 Supported discs

You can play the following discs on the system:
- Pre-recorded audio CDs (CDDA)
- Finalized audio CD-Rs and CD-RWs (12cm CD / 8cm CD, 185 MB / 200 MB)
- MP3/WMA-CDs (CD-R/CD-RWs with MP3/WMA)
- AAC-CDs (MPEG4 AAC LC raw format, .m4a/.m4b files)

Important! This system is designed for regular discs. Therefore, do not use any accessories such as disc stabilizer rings or disc treatment sheets, etc.

About MP3/ WMA

The music compression technology MP3 (MPEG1 Audio Layer 3) and WMA (Windows Media Audio) significantly reduces the digital data of an audio CD, while maintaining the sound quality.

Windows Media Audio® is a registered trademark of Microsoft Corporation.

Supported formats:
- Disc format ISO9660, Joliet, UDF (created on Adaptec Direct CD v5.0 and Nero Burning ROM UDF v5.5) and multi-session CDs
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate.
- 8-cm and 12-cm CD-R/CD-RW up to 730MB
- Directory nesting up to a maximum of 8 levels
- Directory nesting up to a maximum of 8 levels
- MP3 VBR, WMA VBR
- AAC (MPEG4 AAC LC raw format, .m4a/.m4b files)

The system does not play or support the following:
- Empty albums that do not contain any MP3/WMA files and hence will not be displayed.
- Unsupported formats are skipped (e.g. files with .doc extension are ignored).
- DRM protected WMA files
- WAV, PCM audio files
- WMA files in lossless format

Tip
- Make sure that MP3 files end on extension .mp3, WMA files end on extension .wma, and AAC files end on extension .m4a or .m4b.
- To burn/convert DRM protected WMA files use Windows Media Player 10 (or later. Visit www. microsoft.com for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management).

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7.2 Play discs

1 Press ▲ to open the CD tray.

2 Insert CD into CD tray with printed (label) side facing up.

3 Press ▲ to close CD tray.

> *Display shows:* ***Reading CD****.*
> ***Audio CD****: list of tracks appears (Track information may not appear, if it is not found in the HD database and if there is no Internet connection to update the missing information from the Gracenote® service site.)*
> ***MP3/WMA CD****: list of albums appears.*

Display shows:

Others	MP3/WMA/AAC files that are not sorted into albums (folders) located in the root directory of the disc.
CDDA	CDDA files on an enhanced CD or a mixed mode CD.
All tracks	All supported files in any albums (folders) on the disc.

4 Press the navigation controls ▲ or ▼ and ▶ to select your option.

5 Press ▶II to start playback
- On a highlighted album, to start playback of album.
- On All tracks, to start playback of all tracks on disc.

6

a To temporarily pause playback, press ▶II.

b To resume playback, press button again.

7 To stop playback, press **STOP** ■.

8 To remove disc, press **EJECT** ▲ on Center.

7.2.1 Search by keywords

The keyword should be the first letter or word of the album title, artist name, track title, genre name, or playlist name you wish to search for: By entering a keyword, you can quickly find the item that most closely matches to your search criteria. The search cursor will stop at the closest alphabetical match in the list.

Note

The keyword search is supported in modes HD Music and USB only.

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1 Navigate ◀ / ▶ / ▲ / ▼ to enter desired option list of albums, artists, tracks, genres or playlists.

2 On remote control, press **SEARCH** 🔍

> *Display: text box appears*

3 Use alphanumeric keys to enter keyword (maximum 8 characters) (see **4.4 Prepare: Alphanumeric keys**)

4 Press **OK** to start searching

> *Display:* ***Searching…***
> *Searching starts from the beginning of current option list.*
> *The matched items appear at the top of the list.*
> *The option list automatically shows the closest match in the alphabet if no match is found.*
> *Display:* ***Searching…*** *disappears.*

5 Press **STOP** ■ to stop searching.

Tip

The search will also stop when:

- you select another source
- you switch off the set

7.2.2 Find track in current album (during playback)

In playback screen, press ▲ / ▼ (or ⏮ / ⏭) to select previous or next track in current album during playback.

7.2.3 Find passage in current track (during playback)

1 In playback screen, press & hold ▲ / ▼ (or ⏮ / ⏭) to scan currently playing track at high speed.

2 When you found the passage you want, release ▲ / ▼ (or ⏮ / ⏭) to resume normal playback.

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7.3 Play modes REPEAT, SHUFFLE

plays the current track continuously

repeats all the tracks (under current artist, genre, or album)

repeats all the tracks (under current artist, genre, or album) in random order

plays tracks (under current artist, genre, or album) in random order

1 During playback press **REPEAT** or / and **SHUFFLE** once or more times to select play mode.

2 To return to normal playback, press **REPEAT** or / and **SHUFFLE** repeatedly until the various modes are no longer displayed.

7.4 View track information

To view track information:

1 Press **VIEW** on remote control once or more times to enter playback screen.

2 Press ▶.

> *Display shows track information (e.g. track name, file type, file size, bit rate of mp3/wma files).*

3 Press **VIEW** once or more times to return to playback screen.

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8 FM radio

8.1 Tune radio stations

1 Connect the supplied FM wire antenna to Center (see **3 Installation**).

2 Ensure that Center is switched on or in Standby mode (see **5 Basic functions**).

3 Press **HOME**

4 Press the navigation controls ▲ or ▼ and ▶ to select **Radio** > **FM Tuner**.
> *Playback screen appears.*
Display: Radio, radio station frequency and preset number (if programmed).

5 Press & hold ▲ or ▼ until frequency in display starts running.
> *The radio automatically tunes to a station of sufficient reception.*
Display during automatic tuning: ***Searching...***
If a station is received in stereo, *is shown.*
When you are receiving an RDS station, *is shown.*

6 Repeat tuning process until you find the desired radio station.

7 To tune to a weak station, press ▲ or ▼ briefly and repeatedly until you have established optimum reception.

8.2 Store preset radio stations

You can store up to 60 radio stations in the preset memory.

8.2.1 Autostore: Automatic preset program

Autostore automatically starts programming radio stations into the preset memory, beginning with Preset 1. Available stations are programmed in the order of their radio frequency, RDS stations are followed by FM stations. A maximum of 10 RDS stations will be stored (Preset 01 to Preset 10).

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to select autostore radio.
> *Display:* ***Autostore, please wait… Press 'Stop' to exit.***

When all stations are stored, the first preset station automatically starts playing.

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8.2.2 Manual store: manual preset program

1 In FM radio mode, use ▲ or ▼ to select / tune your desired radio station.

2 Press **MENU** to enter the menu screen.

3 Use ▲ or ▼ and ▶ to select **Save to Preset**.

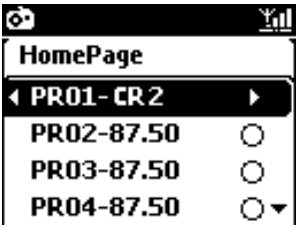
4 Use ▲ or ▼ and ▶ to select the desired preset number (PR01, PR02,…PR60).

> *Current radio station is stored under selected preset number.*

8.2.3 Listen to preset station

1 In FM radio mode, press ▶ to access the list of preset stations.

2 Use ▲ or ▼ and ▶ to select the preset station.



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8.3 RDS

RDS (**R**adio **D**ata **S**ystem) is a service that allows FM stations to send additional information along with the FM radio signal.

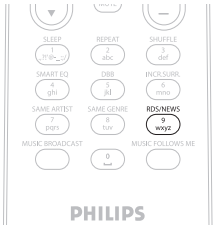
Tune to RDS radio station (see **8.2.1 Autostore: Automatic preset program**)

Display shows (if available):
- Name of radio station
- Radio frequency
- Program type (e.g. News, Pop, Music)
- RDS radio text

8.4 NEWS

You can activate radio **NEWS** while listening to another source on WAC3500D. Center will tune to a RDS radio station stored in the preset memory under one of the 10 first numbers.

1 During playback (any source except radio) press **RDS/NEWS** on remote control.



> *Icon appears and **NEWS ON** is briefly displayed.*

(If no RDS station is found or no news transmission is detected during the scan, the icon disappears and **NEWS OFF** is briefly displayed.)

Playback continues while Center scans the first 10 preset stations.

When a news transmission is detected, Center will switch to the RDS station broadcasting the news transmission and the icon starts flashing.

After the news transmission is over, Center will stay tuned to the news station.

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2 To deactivate **NEWS**, press **RDS/NEWS** again.
> *Icon disappears and **NEWS OFF** is briefly displayed.*

Note
Ensure that you have stored RDS stations in the first 10 preset locations (see **8.2.1 Autostore: Automatic preset program**).

8.5 Internet radio

You can also listen to all the most popular Internet Radio stations by connecting through the Philips web service, where automated links to active stations are maintained and updated at regular intervals.

The **Internet Radio** feature requires registration with Philips. The registration process only has to be completed once, when you are using the Internet Radio for the first time. You can register more than one user. Each user will have to register separately, following these instructions:

8.5.1 First time use

Important!
Ensure you are connected to the Internet when you use the Internet Radio feature. See **11 Network Settings** for information on how to get your system connected to the home network and the Internet.
Use the remote control for the registration process.

For first time use of the Internet radio you must register with Philips.
To register you need a valid email address.

Note
If you enter an email address that is already registered with Philips, the display asks for your password. Enter your password and enjoy Internet radio!

Internet radio registration process:
On Center:
1 Press **HOME** one or more times to select **Radio**.

2 From the radio menu, select **Internet Radio**.
> *Internet connection starts.*
The Internet Radio registration help screen appears.

3 Enter any valid email address.
> *Display shows confirmation that the automated email dispatch has been initiated.*

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On your PC:

1 Check the inbox of the email address you entered and look for a message from '**ConsumerCare@Philips.com**' with the subject: **Your Streamium Registration...**

2 Read and follow the instructions given in the email to complete your registration process on the Philips website.

On Center:

Display returns to Radio menu.

Note

- Press **HOME** to exit any time. Your email address will be remembered.
- Other persons can register individually to enjoy Internet radio with their own settings.

8.5.2 Regular use

Regular users can access the Internet radio directly through the Radio menu screen.

8.5.2.1 Radio services

On Center:

1 Press **HOME** one or more times to select Radio.

2 From the Radio menu, select **Internet Radio**.

3 Use ▲ or ▼ and ▶ to select **User**.

4 Use ▲ or ▼ and ▶ to select **Services**.

5 Use ▲ or ▼ and ▶ to make your selection from the **Service List** (**RadioIO**, or **Live365**).

6 Use ▲ or ▼ and ▶ to select the desired station.

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8.5.3 Add internet radio stations and bookmark your favorites

On Center:

1 In Internet radio mode press ▶ to bookmark the current radio station as a favorite.

OR

On your PC

1 Log in with your registered email address at **www.philips.com/welcome**.

2 Select **Streamium Management** on the left hand side of the window.

3 Choose radio stations from the list.

4 Mark them as favorites.

> *The marked stations will appear as **My Media** and **Favorite Stations** the next time you connect.*

Note

Playback of the favorite stations is subject to broadcast format and availability of station.

8.5.3.1 My Media

On Center:

1 Press **HOME** one or more times to select **Radio**.

2 From the radio menu, select **Internet Radio**.

If multiple users are registered:

a Use ▲ or ▼ and ▶ to select

3 Use ▲ or ▼ and ▶ to select **My Media**.

4 Use ▲ or ▼ and ▶ to make your selection from the **My Media List of Stations**.

8.5.3.2 Favorite stations

On Center:

1 Press **HOME** one or more times to select **Radio**.

2 From the radio menu, select **Internet Radio**.

If multiple users are registered:

a Use ▲ or ▼ and ▶ to select

3 Use ▲ or ▼ and ▶ to select **Favorite Stations**.

4 Use ▲ or ▼ and ▶ to make your selection from the **List of Favorite Stations**.

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9 UPnP

Ensure you are connected to your home network when you use the UPnP feature. See **11 Network Settings** for information on how to get your system connected to the home network and the Internet.

9.1 UPnP (Universal Plug and Play)

UPnP is a standard which connects multiple devices (wirelessly or wired) with each other and enables them to work seamlessly. If you are familiar with UPnP¬ enabled devices, WAC3500D brings you additional benefits to enrich your wireless music streaming experience. If you are not familiar with UPnP-enabled devices, please visit www.upnp.org for details.

9.1.1 About UPnP*

In addition to the music library of Center, an UPnP-enabled device can also serve as a music library.

The music collection on the UPnP enabled device can be played on Center, wirelessly or through the supplied Ethernet cable.

You can also play the music library of Center on the UPnP enabled device, thus expanding your home music network.

* *Universal Plug and Play (UPnP™) builds on standard networking technologies and provides standardized protocols for a wide variety of home and small business devices. It allows easy interoperability of all the devices supporting the networking technologies.*

9.1.2 About UPnP* enabled devices

The UPnP device can be a PC or other device running UPnP software.

1. To use the UPnP device with Center, connect Center to the UPnP network of the device (see **9.2 Connect to UPnP device**).

2. To play the music library of your UPnP device on Center check that UPnP server software is properly installed and enabled on the device (e.g. Windows Media Player 11 or Philips Multimedia Manager). For more help refer to Windows Media Player.

3. To play the music library of Center on the UPnP device, check with the user manual of your UPnP device to make sure it is able to receive music from other UPnP enabled devices.

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9.2 Connect to the UPnP device

When connecting to the network of the UPnP device, you have the following options:

- Connect wirelessly or through an Ethernet cable.

For more information on the connection, see **11. Network settings: Connect to external Wi-Fi enabled or wired home network**.

Important! Connecting other UPnP clients to Philips Wireless Music Center may take longer than connecting a Philips Wireless Music Station to Center.

9.3 UPnP playback

Important!
- You can only stream music files in non-protected MP3, WMA, or AAC (.M4A) format when WAC3500D is in UPnP mode.
- You cannot stream video or picture contents.

During UPnP playback, some playback features in the Wi-Fi network on Center will be unavailable, including Music Broadcast, Music Follows Me, Same Artist, Same Genre, Creating / Deleting Playlist, and Recording.

9.3.1 Play music from UPnP device

Important! If you cannot find the UPnP server on the network, refresh the UPnP mode of Center by changing the mode (press **HOME** key).

1. Check that the UPnP device is switched on.
2. Switch off the firewall running on the UPnP¬ enabled PC during UPnP playback.
3. Check that Center is connected to the network of the UPnP device (see **11.5 Network settings: View connection status**).

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On Center:

4 Press **HOME** on remote control to select UPnP mode.

> *The display on Center shows a list of connected UPnP devices (up to 4 UPnP devices). (**Server not found** appears if there is no UPnP device found in the network.)*

5 Use ▲ or ▼ and ▶ to select your desired UPnP device.

> *The music library of the UPnP device appears on Center as well as on the UPnP device.*

On Center:

6 Play the music library of the UPnP device in the same way as you play Hard Disk (HD) (see **6 HD**).

9.3.2 Play music from Center as UPnP source

1 Check that Center is switched on or already in standby mode.

2 Check that the UPnP device is connected to Center (see **11.5 Network setting :View connection status**)

> *The music library of Center appears on the UPnP enabled device as it does on Center.*

3 Use the function keys on the UPnP device to play the music library of Center.

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10 External sources

10.1 Play or record to USB mass storage device

You can playback music from a USB device on Center. You can also transfer the music library to a USB **mass storage device**, so that you can carry your favorite music with you wherever you go.

10.1.1 About USB device

Important!
- In some USB flash players (memory) devices, the stored content is recorded using copyright protection technology. Such protected contents cannot be played on any other devices (such as the Center).
- Protected (DRM) WMA files cannot be played due to copyright issues.

Compatible USB mass storage devices:
The following devices can be used on Center:
- USB flash memory devices (USB 2.0 or USB1.1)
- USB flash devices (USB 2.0 or USB1.1)

Supported formats:
- USB or memory file format FAT12, FAT16,
- FAT32 (sector size: 512 - 65,536 bytes)
- MP3 bit rate (data rate): 32-320 Kbps and variable bit rate
- WMA v9 or earlier versions
- AAC (AAC-LC audio up to L3 in
- MPEG-4/.m4a files.)
- Directory nesting up to a maximum of 8 levels
- Number of tracks/titles: maximum 9999
- File name in Unicode UTF8 (maximum length: 256 bytes)

Center will not play or support the following:
- Empty albums that do not contain any MP3/WMA files and hence will not be displayed.
- Unsupported formats are skipped (e.g. files with .doc extension are ignored).
- WAV, PCM audio files
- DRM protected WMA files
- WMA files in lossless format

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How to transfer music files from your PC to a USB mass storage device

- You can easily transfer your favorite music from your PC to a USB mass storage device by drag & drop.
- You can use the music management software of your flash device for the music transfer.
- Organize your MP3/WMA files in different folders or sub-folders as needed.

Tip

- Make sure that MP3 files end on extension .mp3 and WMA files end on extension .wma.
- For DRM protected WMA files, use Windows Media Player 10 (or later) for CD burning / conversion. Visit www.microsoft.com for details about Windows Media Player and WM DRM (Windows Media Digital Rights Management)

10.1.2 Play music from USB device

To play back music from a portable (USB) flash device:

1 Check that USB device is properly connected to Center (see **3.3.2 Installation: Connect USB mass storage device**)

2 Press **HOME**.

3 Select **PORTABLE** USB.

4 Select **USB**.

> *Your portable (USB) flash device is displayed.*

5 Use ▲ or ▼ and ▶ to select your music.

Note

No USB Device Present appears if the USB device is not supported by Center.
File system not supported appears if unsupported file formats are used on the USB device.
Empty Folder appears if no supported audio format file is found on the USB device.

6 Play audio files on the USB as you do with the albums/tracks on a HD (see **6 HD**).

Tip

Due to compatibility reasons, the album/track information may differ from what is displayed through the music management software of the flash device.

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10.1.3 Transfer music to USB device

Important!
- There is no support for transfer of music to MTP devices.
- Recording is permitted only if there is no infringement of copyrights or any other rights of third parties.
- For CDs encoded with copyright protection technologies used by some record companies, recording will be restricted.
- Making unauthorized duplicates of copy-protected material, including computer programs, files, broadcasts and sound recordings, may be an infringement of copyrights and constitute a criminal offence. This equipment should not be used for such purposes.
- Transfer to USB device is only supported by Center.
- DRM protected files might not play if they are transferred to the USB device.

1 Check that the USB device is properly connected to Center.

2 On Center, press **HOME** and use ▲ or ▼ and ▶ as necessary to select **HD**.
If it is in HD playing mode, press **STOP** to stop playing.

3 Use ▲ or ▼ and ▶ to select an option (Playlists, Artists, etc…) and enter the corresponding list of tracks.

4 In the track list screen, press **RECORD** (**REC** on remote control)
> *The list of tracks appears.*

5 Press **MARK/UNMARK** to select or deselect the tracks to be recorded.
To select/deselect all tracks, Press & hold **MARK/UNMARK**.

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6 Press **RECORD** to start recording.

> *Display shows:* ***Transferring...***
> *The number of tracks transferred / to be transferred appears.*
> *Selected tracks are transferred to the USB device.*

Tip

- Press ◀ to stop selecting tracks and return to the list of tracks. To continue, repeat steps 3 to 5.
- Recording will also stop when:
  - the USB device is unplugged and the display shows: Connection interrupt, Cancel transfer...
  - the USB device has more than 99 folders and 999 titles and the display shows: Device is full, Cancel transferring...

Find the transferred tracks on your USB device

All the transferred tracks are saved in the USB device under the folder structure Music\Genre\Artist\Album, and are named as XX-trackname.mp3.

Play the transferred tracks on another music player

You can play the transferred tracks on music players supporting USB playback. On different players, the files/folders may be browsed in different ways.

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10.2 Play your iPod music

With the enclosed Philips iPod docking cradle, you can enjoy the music library on your iPod player through the speaker system of the WAC3500D.

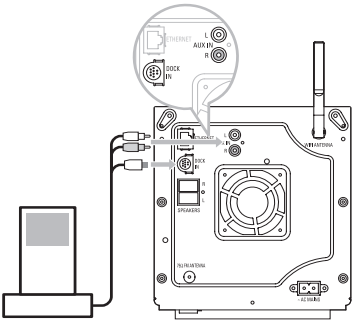
To play your iPod music:

1 Check that Center is switched on.

2 Connect your Dock to Center (see **3.3.3 Connect your iPod**).

a Connect the 9-pin docking cable to the **DOCK IN** of Center.

b Connect the audio cable to the **AUX IN** on Center (red & white plugs must match color coding of **AUX IN**).



3 Insert your iPod into the Dock.

4 Press **HOME** and select **Portable (iPod)** iPod.

> *Your iPod is displayed*

5 Use ▲ or ▼ and ▶ on the remote control (or use the navigation control of your iPod) to select the music in your iPod menu system.

> *The iPod can now be controlled via the remote control of the Center.*

Tip

All features except for the volume can still be controlled on the iPod itself too.

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10.3 Play additional appliances

You can play files from additional appliances on Center by connecting the audio output (e.g. TV, VCR, Laser Disc player, DVD player). You can also record up to 3 hours of audio output to the music library in the HD of Center.

1 Check that the additional appliance is properly connected (see **3.3.4 Installation: Connect additional appliances**).

2 Ensure that Center is switched on (see **5 Basic functions**).

On Center:

3 Press **HOME**.

4 Press the navigation controls ▲ or ▼ and ▶ to select **AUX** AUX.

> *Your additional appliance (external source) is displayed.*

On your additional appliance:

5 Use the controls as you normally would.

6 To adjust sound and volume, use the sound controls on WAC3500D or on your external source.

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11 Network settings

You can add Center to your existing home network. Set your network according to your needs as follows:

Type	What you want	Go to
Simple network settings	Add Stations to Wi-Fi network of Center	Section **11.1**
	Connect to your PC	Section **12**
	Connect to internet for Gracenote® internet service	Section **13**
Advanced network settings	Connect to external Wi-Fi home network	Section **11.2**
	Connect to external wired home network	Section **11.3**
Expert network setting	Connect to two different networks	Section **11.4**

11.1 Add Stations to Wi-Fi network of Center

Important!
- Always press & hold ⏻ to switch Center / Station to Eco standby (power-saving mode) before removing its power plug.
- Always power up the Center first, and then power up the Station.
- Never block Center from Station by thick walls or more than one wall.
- Avoid installation near large metal objects.

You can connect up to five Stations to Center. When adding a Station to the Wi-Fi network of Center, you can play the music library of Center on Station, or move music playback between Center and Station (see **6 HD**).

On Center:

1 Check that Center is in HD source.

2 Press **MENU** to enter the menu screen.

3 Use ▲ or ▼ and ▶ to enter **Station Management** (Mgnt) menu.

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4 Use ▲ or ▼ and ▶ to select **Add New Station**.

> *You will enter Installation Mode. Search for the new station starts.*
> *Playback stops on the previously associated Station if you are playing the HD source.*

Tip

- For better Wi-Fi reception, rotate the Wi-Fi antenna or adjust the location of Center and Station.
- If five Stations are already connected, the option Add New Station is not available. In this case, please delete another Station first and then add the new Station

On Station:

1 Disconnect the power plug of Station and then connect it to the power supply again.

> *Display:* ***Connecting to Center***

2 To enter Installation Mode:

a On a new Station that is still unassociated with the Center:

1 Select language.

> *Station enters automatic installation mode.*

b On a Station that was already paired with another Center:

1 Press **MENU**.

2 Select **Installation mode**.

> *Display:* ***Center found***
> ***Connecting to Center…***

On Center:

3 Press **STOP** ■ when all the Stations are found.

> *HD screen appears once Station is connected to Center.*

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11.1.1 Delete a Station

1 Check that Center is in HD source.

2 Press **MENU** to enter the menu screen.

3 Use ▲ or ▼ and ▶ to enter **Station Management** (Mgnt) menu.

4 Press ▲ or ▼ and ▶ to select **Delete Station**.
> *The list of connected Stations will be displayed on Center.*

5 Use ▲ or ▼ and ▶ to select Station you wish to delete.

6 Press ▲ or ▼ and ▶ to select **YES**.

11.2 Connect to Wi-Fi (wireless) enabled home network

The Wi-Fi enabled network is a Wi-Fi infrastructure network or a Wi-Fi enabled home network with a router.

Important! Connecting other UPnP clients to Philips Wireless Music Center may take longer than connecting a Philips Wireless Music Station to Center.

1 To connect Center to a Wi-Fi enabled home network, start the Add Network procedure on Center.

For music playback within the home network, see **9.3 UPnP: UPnP Playback**.

11.2.1 Network settings on Center

Note

For WEP (Wired Equivalent Privacy) / WPA (Wi-Fi Protected Access) / WPA2 key setting to secure your network, always refer to the user manual of the router. WPA/WPA2 is the newest and strongest encryption method. If this is not available (generally for older devices) choose WEP.

On Center, search for networks:

1 Press **MENU** to enter the menu screen.

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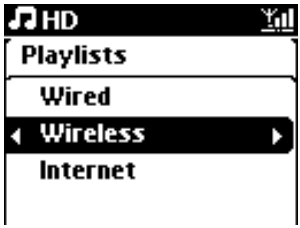
2 Use ▲ or ▼ and ▶ to enter **Settings** followed by **Network**, then **Wireless**.



> *Display:* ***Searching for Networks...***
> *List of networks appears. (****Network Not Found*** *appears if no network is found.)*

3 Select the Wi-Fi network (router) to which your desired UPnP device is connected.

4 Press ▶ to continue.

5

If you already know the WEP / WPA / WPA2 key for the Wi-Fi network:	Use the remote control to enter the WEP, WPA, or WPA2 key.	Press **OK** to confirm.
If there is no WEP / WPA / WPA2 key for the Wi-Fi network:	Press **OK** to skip.	

6 In screen Set IP Mode, select **Automatic**.

7 As prompted, select **Yes** to apply the settings.

> *Center is connected to the Wi-Fi home network.*
> *Any Stations might be disconnected from the Wi-Fi network of Center.*

Tip

If you change the WEP / WPA / WPA2 key after you have added the WAC3500D into your home network, the connection between the WAC3500D and your home network will be lost. In this case, please restart WAC3500D Center in order to refresh the IP update.

Applicable if you already have a wireless network (hub/switch/router).

11.3 Connect to wired home network

The wired home network can be a single PC, a PC network, another Center or a Station.

Center can access the wired and wireless home network at the same time. Using the supplied Ethernet cable, you can connect Center separately to a wired network while maintaining its Wi-Fi connection (e.g. the Wi-Fi connection between Center and on or more Stations, or the Wi-Fi connection with a home network). In this way, you can opt to play the music library of the wired network only on Center or a single Station (UPnP playback).

At the same time, you can still enjoy all the music playback features on the Wi-Fi network.

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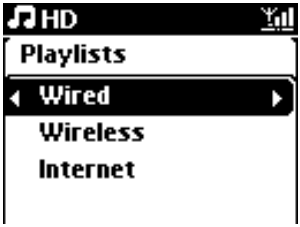
11.3.1 Set network on Center

1 Check that network device is switched on and firewall (if applicable) is switched off.

2 Connect supplied Ethernet cable to Ethernet ports on network device and Center.

3 Press **MENU** to enter the menu screen

4 Use ▲ or ▼ and ▶ to enter **Settings** followed by **Network**, then **Wired**.



5 Press ▶ to continue.

6 In Set IP Mode screen: If you are using a DHCP* enabled network device, select Automatic.

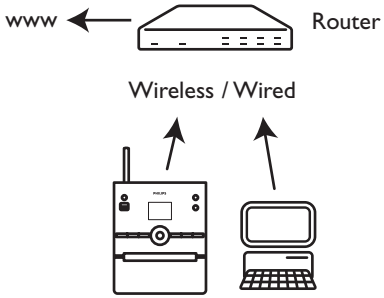
* *DHCP stands for Dynamic Host Configuration Protocol. It is a protocol for assigning dynamic IP addresses to devices on a network.*

If there is no DHCP, select Static and assign an IP address and subnet mask as prompted using the alphanumeric keys (see **4.4 Alphanumeric keys**). This procedure is applicable only, if you already have a wired network (hub / switch / router) in your home.

On Center

1 As prompted, select **YES** to apply settings.

> *Center is connected to the external wired network.*
> *On the display the icon is changed to .*



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11.4 Connect to two different home networks

WAC3500D can be added into two different home networks via wired and wireless network ports.

Note that the IP addresses of the two different network ports cannot be in one subnet; WAC3500D has no router function and cannot determine which port to use.

Important! Once Center is added to the Wi-Fi network, all Wi-Fi ad-hoc connections with the WAC3500D will be shut down.

Applicable if you have two home networks.

WAC3500D cannot shadow the IP of a network device that is not activated. Please be careful of the IP address settings to avoid IP address conflict between the wired and Wi-Fi ports.

11.5 View connection status with home network

1 Check that Center is in HD source.

2 Press **MENU** to enter the menu screen.

3 Use ▲ or ▼ and ▶ to enter **Information** menu.
> *The display shows: System, Wireless and Wired.*

4 Use ▲ or ▼ and ▶ to select **Wireless** or **Wired**.
> ***Wireless**: information about the Wireless settings.*
> ***Wired**: information about the Wired settings.*

11.6 Connect to Internet

Important! Make sure that no dial-up, user name or password is required for the Internet access.

Check that you have connected Center to an access point or router with Internet access or connect Center to an ADSL modem with internet access directly.

Set DNS and Gateway
If you are using a DHCP* enabled access point, router or ADSL modem, the DNS and Gateway can be obtained automatically, so you need only to set Center to Automatic (DHCP):

1 Press **MENU**.

2 Use ▲ or ▼ and ▶ to select **Settings** followed by **Network**.

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3 Select **Wired** or **Wireless**.

4 Use ▲ or ▼ and ▶ to select **Automatic** (DHCP).

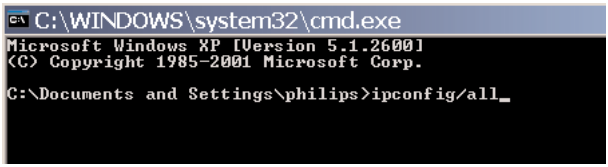
* *DHCP stands for Dynamic Host Configuration Protocol. It is a protocol for assigning dynamic IP addresses to devices on a network.*

If there is not DHCP, the following steps show how to get DNS and Gateway settings of the current network from the PC connected to the same network:

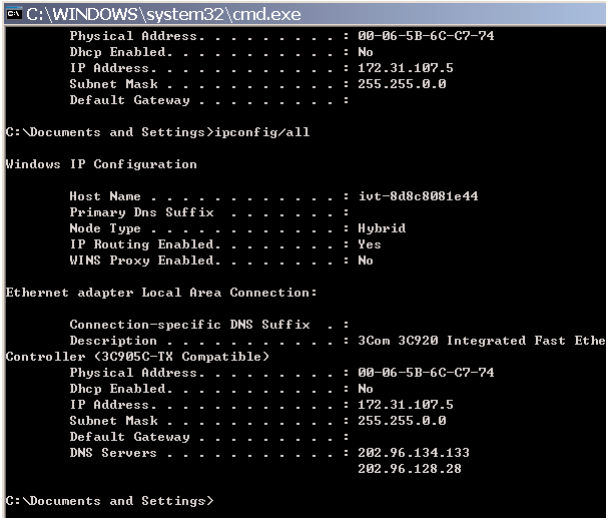
1 On your PC, Click **Start** > **Run**

2 Type **cmd** and click **OK**

3 Type **ipconfig/all**



4 Write down the DNS and Gateway of the current connection.



On Center

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to enter **Settings** followed by **Network**, then **Wired**.

3 Press ▶ to continue.

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Set DNS

1 Enter the DNS server you wrote down.

2 Press **OK** to confirm.

3 Press **OK** to skip Set DNS2.

Tip

If necessary, follow Steps 1 and 2 above to set a secondary DNS server in Set DNS2.

Set Gateway

1 Enter the Gateway you wrote down.

2 Press **OK** to confirm.

Set proxy

1 If you are using a proxy server to visit websites, enable Proxy and proceed with the proxy setting as prompted, then press **OK** to confirm Otherwise, press **OK** to skip.

2 Apply settings as prompted.

> *Settings will change.*
> ***Connection to station could be lost*** *appears.*

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12 Connect to your PC

Minimum PC requirements:
- Windows 2000 SP4 (or above) / XP SP2 / Vista
- Pentium III 500MHz processor or higher
- 256MB RAM
- CD-ROM drive
- Ethernet adapter, enabled (for wired connection) - or
  Wireless Network adapter 802.11 b/g (for wireless connection)
- 500MB free hard disk space

Install WADM (Philips Wireless Audio Device Manager, see also **18 FAQ**)

1 Log onto your PC with administrator rights enabled.

2 Disable the firewall of your computer to make the connection.

a For Windows 2000 / XP: On your PC, press **Start** > **Settings** > **Control Panel** > **Firewall** > **Off**.

b For Windows Vista: On your PC, press **Start** > **Control Panel** > **Firewall** > **Turn Firewall On or Off** > **Off**.

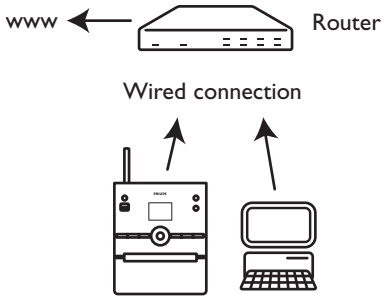
3 Insert PC Suite CD into your PC.

4 Select language and accept license terms.

5 On the Welcome screen, click **Next**.
> *The installation process starts automatically.*

When installation is completed, click **Quit**.

Connect Center to PC (Wired connection)
Use the supplied orange Ethernet cable to connect the WAC3500D to your PC. (Make sure that the Ethernet port on your PC is enabled to establish WADM connection).



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Launch WADM

1 Double click WADM.

> *A list of discovered Centers appears.*

2 If your Center appears, continue with step 6.

3 If your Center is not found, select **Connection Wizard**.

4 In Connection Wizard screen, select **Express Mode**.

5 Click **Next** and follow the instructions.

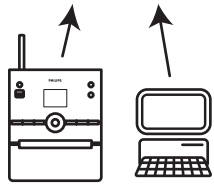
6 Select your Center from the list and click **Connect now**.

Connect Center to PC (Wireless connection)

Enable your wireless router.

Configure Network from Center: Select **MENU** > **Settings** > **Network** > **Wireless** (select desired Network) > (enter encryption key) > **Automatic** > **Apply Settings** > **Yes**

Wireless connection



Launch WADM

Compatibility check for Windows Vista:

1 Right click on the WADM icon.

2 Select **Properties** > **Compatibility** and make sure the check box under 'Compatibility mode' and 'Privilege level' is marked.

3 Click **OK**.

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Launch for Windows XP or Vista:

1 Double click WADM.

> *A list of discovered Centers appears.*

2 If your Center appears, continue with step 6.

3 If your Center is not found, select **Connection Wizard**.

4 In **Connection Wizard** screen, select **Express Mode**.

5 Click **Next** and follow the instructions.

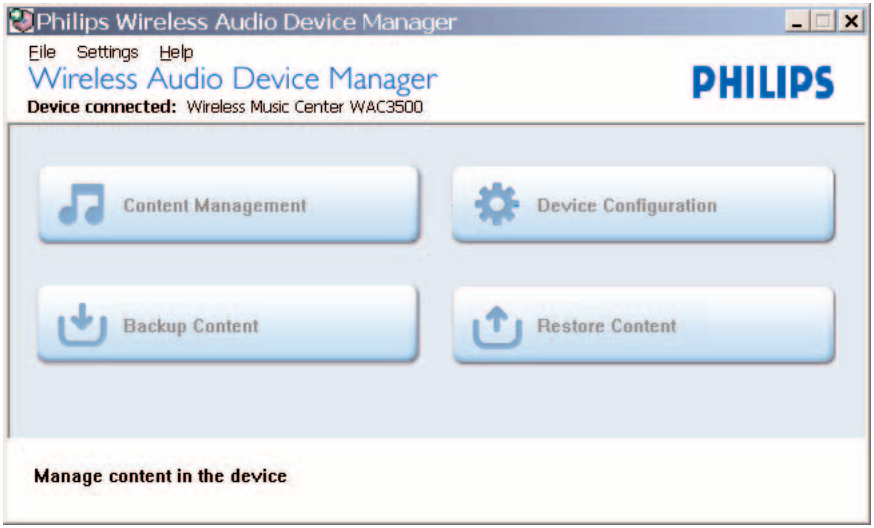
6 Select your Center from the list and click **Connect now**.

Tip

- If the IP configuration of Center is not in the default range (Subnet mask: 255.255.0.0; IP address: 172.31.x.x), select **Connection Wizard** > **Custom Mode**. Enter the current IP configuration of Center as prompted. Press **MENU** and select **Information** > **Wired** to check IP configuration.
- When WADM is running, Internet access of your PC may be disabled. Close WADM to restore access.

12.1 Use WADM

The Wireless Audio Device Manager (WADM) in the by-packed PC Suite CD helps you import music files to Center and organize them on your PC.



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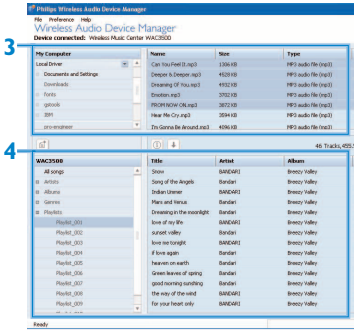
12.1.1 Import from your PC using WADM

1 Connect Center to your PC (see **12 Connect to your PC**).

On your PC:

2 In the WADM main menu, click **Content Management**.

> *A new window appears.*



3 On **My Computer** panel, click to highlight a desired file / folder.

4 Drag selection to **My Device** panel.

5 While importing, you can add more files / folders to the import queue.

Tip

Importing less than 4G or 1000 songs at each attempt offers best results.

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12.1.2 Edit track information using WADM

You can edit track information using WADM.

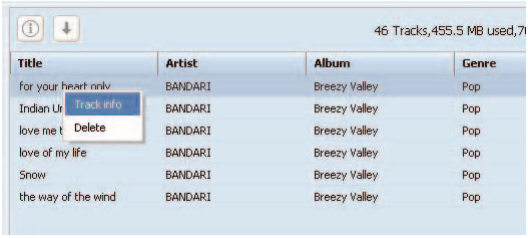
On your PC:

1 In the WADM main menu, click **Content Management**.

2 In the device window, click to highlight the desired track.

3 With your mouse, right click the highlighted track.

4 Select **Track info**.



Tip

- To select more than one file, press and hold **Ctrl** on your PC keyboard and click the desired files.
- To playback tracks, double click on the track to start playing.
- Click **Title** or **Artist** to sort the music files by track name or by artist
- In case the edited ID3 tags are not shown on WADM, go to **File** > **Refresh Content** to refresh the WADM. Otherwise, restart WADM.
- Always press and hold y to switch the Center to Eco Standby (power-saving mode) before removing its power plug to avoid losing tracks.

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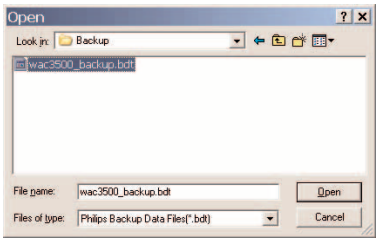
12.1.3 Backup music library of Center to your PC using WADM

On your PC:

1 In the WADM main menu, click Content Management.

2 Follow the screen instructions to backup the music library of Center to your PC. Backup files are named with current date.



Tip

- Make sure that you have adequate space to store the backup files.
- Do not delete the backup file using Windows Explorer. If the backup file is accidentally deleted, search for the file named YOURMAC.inx using Windows Explorer search tool and then delete it. You can only perform backup after that.

12.1.4 Restore backup files from your PC to Center

On your PC:

1 In the WADM main menu, click Restore Content.

2 Click to highlight the file to be restored.

3 Click **Open**.

Tip

- After changing network settings with WADM, press and hold y to switch Center to Eco Standby (power-saving mode) to refresh IP update.
- If some of the WADM functions cannot be used, they might be blocked by your anti-virus software. It is recommended to turn off the antivirus software temporarily.

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13 Gracenote® CD Information

Gracenote MusicID® provides the set with CD track information (including album, artist, genre, track information) from its built-in database. It allows the recorded CD tracks to be properly categorized (for example, under Artists, Albums, Genres or All tracks) and be merged with the existing tracks in the hard disk.

13.1 Gracenote® Media Database

A 800 MB CD database (contains 800,000 most popular CDs) is embedded in every for quick look-up on track information. An update file that contains newly released CDs is available quarterly on www.club.philips.com for download.

13.1.1 Update Gracenote® Media Database

Use your PC to register your product on www.club.philips.com and go to "Show Upgrades & Support" page to download Gracenote® Media Database update. Note that the updates are posted quarterly and new updates are independent from old updates, i.e. a new update can be installed, even without the previous update.

After storing the file on your PC, you can either burn a CD with the update file using your favorite CD burning software and drop the CD into Center for automatic update, or you can use the Gracenote® update option of WADM if you have connected your PC to Center.

13.2 Gracenote® Internet Queries

If the CD track information of your new CD disc cannot be displayed on the WAC3500D, the quickest and surest solution is to ensure you have followed the steps in **11.6 Connect to Internet** and follow **13.2.1 Look up track information**..

13.2.1 Look up CD track information

1 With an internet connection present (see 11.6 Connect to Internet), insert the CD of which you require the information (insert disc into CD tray of Center with graphics facing up).

> *Searching starts immediately. The system will search the local Gracenote® CD database first. If the CD track information cannot be found, the online search will start. The search results are shown on the display of Center.*

Tip

- If the internet query failed due to a disruption in the internet connection, the error message **Check the internet setup for CD Database on-line** will appear.
- Check if your internet connection is correct (see **11.6 Connect to Internet**).

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14 Expandable features

You can connect up to 5 Stations (sold separately) to Center via Wi-Fi, so your music playback can be moved between Center and Stations. You and your family can enjoy and share music with ease wherever you are in your home.

14.1 MUSIC FOLLOWS ME

As you move around at home, let the music move with you between Center and Station and between Stations.

On the source unit (Center) where music is playing:

1 Press **MUSIC FOLLOWS ME** to stop playback from that unit and activate the function.

> *The icon appears on the displays of Center and Station.*

On the destination unit (connected Station) where you want to listen:

2 Press **MUSIC FOLLOWS ME** to activate the playback.

> *The icon disappears from the displays of Center and Station, and the music will start to play. Simultaneously, the music (audio output) of the source unit is stopped.*
> *Any selected play modes (e.g.) will be retained on the destination unit (see* **6.3 Play modes REPEAT, SHUFFLE***).*

3 To stop **MUSIC FOLLOWS ME**, press **STOP** ■ on the destination unit.

Tip

- MUSIC FOLLOWS ME will be automatically deactivated if you do not activate MUSIC FOLLOWS ME on the destination unit within 5 minutes
- To deactivate MUSIC FOLLOWS ME, press MUSIC FOLLOWS ME again.
- After activating MUSIC FOLLOWS ME on the destination unit you can select other tracks or source for playback.

14.2 MUSIC BROADCAST

MUSIC BROADCAST allows you to broadcast music from Center (sold separately) to Stations.

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On connected Stations:

1 Check that Station is switched on or in standby mode.

On Center:

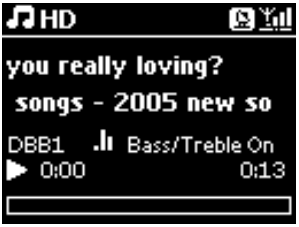
2 In HD source, play back the music that you wish to broadcast to Stations.

3 Press **MUSIC BROADCAST** to activate the function.

> *The icon appears on Center and Stations.*
> *A countdown of 5 seconds starts.*

On Center and Station:

The selected music starts to play simultaneously after about 5 seconds.



4 To stop **MUSIC BROADCAST**, press **STOP** ■ on Center.

Tip

- To exit MUSIC BROADCAST on Station, press **STOP** ■ on Station. To broadcast music to Station again, press **STOP** ■ on Center, and then start playback again and activate MUSIC BROADCAST on Center again.
- MUSIC BROADCAST will also stop when:
  - Center is switched to Standby mode or Eco Standby mode
  - the selected album or list (Playlist, Artist, Genre,…) has reached the end
- To set play modes, select Repeat or Shuffle before activating MUSIC BROADCAST.

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15 Firmware Upgrade

15.1 Upgrade firmware

The supplied PC Installer CD Wireless Audio Device Manager (WADM) helps you get the upgrades for WAC3500D Center.

On Center:

Important!
- Never interrupt the firmware upgrading before its completion.
- Never operate other functions before finishing the installation.

1 Register your Philips Wireless Music Center with **www.club.philips.com**.

2 Download the firmware upgrade files and store them on your PC.

3 Connect Center to power supply.
> *HD screen appears on Center.*

4 Connect Center to your PC via the supplied Ethernet cable.

5 Install and launch WADM (see section **12 Connect to your PC**).

6 Click to enter the Firmware upgrade submenu.

7 As prompted, click **Browse** and indicate the location where you kept the firmware upgrade files on PC.

8 Click Apply to start upgrading firmware.
> *The display shows **Updating firmware, please wait...***
Center will reboot itself during the installation process.
When Center returns to HD screen, the installation is completed.

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15.2 Restore previous firmware

After the firmware of Center is upgraded, you can restore it to its previous version as desired.

On Center

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to enter **Settings** followed by **Firmware**, then **Restore firmware**.

3 Press ▶ to select **Yes**.

After upgrading or restoring the firmware of Center, you need to reestablish the Wi-Fi connection between Center and Stations.

15.3 Re-establish Wi-Fi network of Center and Stations

On Center:

1 Press **MENU** to enter the menu screen.

2 Use ▲ or ▼ and ▶ to enter Station Mgnt menu.

3 Use ▲ or ▼ and ▶ to select **Add New Station**.

> *Searching for Stations starts.*

On Station:

1 Disconnect the power plug of Station and then connect them to the power supply again.

> *Connecting to Center appears.*

2 Press **MENU** on the remote control to enter the selection screen of Installation Mode.

3 Use ▲ or ▼ and ▶ to enter Installation Mode.

> *Stations start to connect to Center.*

4 Press **STOP** ■ on Center when all Stations are found.

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16 Reset

You can restore Center o the default settings (including network settings).

When to reset Center:
- Reset Center to re¬establish Wi-Fi connection between Center and Station.
- Reset Center to change the way Center connects to a Wi-Fi enabled / wired home network.

1 Check that Center is switched on (see **5 Basic functions**).

2 Press **MENU** to enter the menu screen.

3 Use ▲ or ▼ and ▶ to enter **Settings** followed by **Restore settings**.

4 Press ▶ to select **Yes**.
> *Center is rebooted.*
Language selection screen appears.

5 Select your desired language: **English**, **Français**, **Español**, **Nederlands**, **Italiano** or **Deutsch**.
> *Center enters **Installation Mode**.*
The search for Center or Stations starts.
The Wi-Fi connection is being reestablished.

If the Center is reset and connected Stations are not reset:
1 On the Station, disconnect the power plug and connect them to the power supply again.
> *Connecting to Center appears.*

2 On the remote control, press **MENU** to enter menu screen.

3 Use ▲ or ▼ and ▶ to enter **Installation Mode**.

4 Stations start to connect to Center.

If a Station is reset and Center is not reset:
1 On Center, select **HD** mode.

2 Press **MENU** to enter the menu screen.

3 Use ▲ or ▼ and ▶ to enter **Station Management** (Mgnt) menu.

4 Use ▲ or ▼ and ▶ to select **Add New Station**.
> *Searching for Stations starts.*

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If Center and Stations are reset:

1 Select language and then enter Installation Mode.

2 Press **STOP** ■ on Center when all Stations are found.

Tip

- Restoring to default settings does not delete any stored music tracks.
- After restoration to default settings, the network mode will return to ad-hoc mode.

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17 Technical data

General

AC Power	230V ±10% {Data changes with stroke version}
Dimensions (w x h x d)	185 x 210 x 248 mm
Weight (with/without speakers)	approx. 5.5 kg / 3.5 kg

Power consumption

Active	< 45 W
Standby	< 20 W
Eco Power Standby	< 0.9 W

Amplifier

Output power	2 x 40 W (RMS)
Frequency response	60 - 22,000 Hz, -3dB
Signal-to-noise ratio	> 72 dBA (IEC)

Wireless

Wireless standard	802.11g, backwards compatible to 802.11b
Wireless security	WEP (64 or 128bit), WPA/WPA2 (8-63 characters)
Frequency range	2412-2462 MHz (CH1-CH11)

Wired (LAN / Ethernet)

Wired standard	802.3 / 802.3u
Speed	10 / 100 MBit/s
Mode	half / full duplex
Crossover detection (Auto MDIX)	Yes

Tuner

FM wave range	87.5-108 MHz {Data changes with stroke version}
Number of presets	60
FM antenna/cable	COAX / Dipole-antenna (75W IEC-connector)

HD player

Frequency range	60-20,000 Hz, -3 dB
Signal-to-noise ratio	72 dBA (IEC)
MPEG 1 Layer 3 (MP3-CD)	MPEG AUDIO
MP3-CD bit rate	32-320 kbps, VBR
WMA bit rate	up to 160 kbps
Sampling frequencies	32, 44.1, 48 kHz
HD storage capacity	80GB*
Recording quality	128, or 160, or 192, or 256, or 320 kbps
Recording speed	1x, 4x
CDDB (CD recognition database)	internal Gracenote® / online access enabled

* *Actual formatted capacity will be less*

USB player

USB	12Mb/s, V1.1 (supports MP3, WMA and M4A files)
USB class	MSC, MTP
Number of tracks/titles	maximum 9999

Speakers

2-way bass reflex system	
Dimensions (w x h x d)	160 x 208 x 263 mm

Specifications and external appearance are subject to change without notice.

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18 Frequently asked questions

Attention!
- Never try to repair the system yourself as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.
- If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to resolve a problem by following these hints, consult your dealer or Philips for help.

Question	Answer
Is there a maximum distance of transmission between Philips Wireless Music Center and Station/PC for effective streaming?	Yes. The maximum distance of Wi-Fi transmission is 250m measured in open spaces. However, in a home environment where solid obstacles such as walls and doors are present, the effective transmission distance is significantly reduced to approximately 50-100m. Try to re-position the set if you experience transmission problems.
What does 'Recording from CDs' mean and what functions can I use while the recording is in progress?	'Recording from CDs' (ripping) is the process by which a CD track is converted into the much smaller MP3 format, and is then added to the Wireless Music Center's music library (hard disk). On the Wireless Music Center, 'Recording from CDs' requires two stages: Firstly, it reads the CD content and stores it temporarily on the hard disk. Secondly, it converts this temporary CD content into MP3 format - a process called 'background-encoding'. It takes 1 hour to convert 1 hour of CD music. During the first stage of the conversion you cannot stream or broadcast music from Center; though you can still stream music from Stations. Always switch the set to Eco Standby (power-saving mode) before removing its power plug.
Do I need to immediately update the Gracenote music recognition database stored in Philips Wireless Music Center straight after bringing it home?	No. There is already a massive CD track database pre-stored in Philips Wireless Music Center, which should match most of the CDs released within the last six months.

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Question	Answer
Does Philips provide Gracenote® music recognition database updates?	Yes. We provide quarterly updates of the Gracenote® music recognition database through the website **http://www.club.philips.com**. Download the file to your PC and update the built-in Gracenote® music recognition database from the PC using WADM in the supplied PC suite. Alternatively, you can burn the downloaded file to a CD and insert the CD into the CD loader of the Center to update the database.
What is Philips Wireless Audio Device Manager (WADM)?	WADM mainly serves to transfer your music library from your PC to the Wireless Music Center. In addition, it provides a one-stop solution to help you manage the music library on the Center, e.g. edit track information, create / rename playlists, backup / restore music library of the Center, as well as network settings, Gracenote® music recognition update, Firmware upgrade. For details, see **12 Connect to your PC** in this manual and WADM help file.

Simply connect and enjoy

You have a lot of MP3 files on your portable music player. You would like to enjoy them with your family and friends on a better sound system. Philips WAC3500 offers instant access to your music via 'USB Direct' - in the comfort of your living room Supported devices Philips WAC3500 'USB Direct' allows simple plug-and-play compatibility with MP3 players and USB flash drives that are compliant with USB Mass Storage Device Class.

Question	Answer
What is 'USB Direct'?	Philips 'USB Direct' enables you to play MP3, M4A and WMA music files from a USB device via the WAC3500, and to transfer music files from the WAC3500 to a USB device.
Can I copy files via USB Direct from the WAC3500 to a USB device and vice versa?	Yes. You can copy music files from the WAC3500 to a USB device. You cannot copy music files from a USB device to the WAC3500.
How do I use the USB Direct?	**1** Plug in your USB device. **2** Press **HOME** and use the navigation controls ▲ or ▼ and ▶ to select **Portable** > **USB**. **3** Use ▼ or ▲ and ▶ to select the file you want to play.

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Question	Answer
How do I copy music files from the WAC3500 to a USB device?	**1** Plug in your USB device. **2** Press **HOME** and use the navigation controls ▲ or ▼ and ▶ to select **HD** mode. **3** Use ▲ or ▼ and ▶ to navigate in a playlist, artist list, album... etc., and to enter its corresponding list of tracks. **4** Press **REC** ● to invoke the selection option. **5** Press **MARK/UNMARK** to select / deselect tracks and press **REC** ● once again to start copying.
How do I exit the USB Direct?	Stop playback of the files and press **HOME** to exit. Alternatively, just unplug your USB device.
Can I play music from my portable MP3 player or USB flash drive via USB Direct?	Yes. As long as your MP3 player or USB flash drive is compliant with the USB Mass Storage Device Class and does not contain any proprietary database, then you should be able to play music from your portable MP3 player or USB flash drive via USB Direct.
Why doesn't my USB Mass Storage Device Class (USB MSC) work with the WAC3500?	Since there are various kinds of USB Mass Storage Device Class (USB MSC), not all devices are guaranteed to be compatible. For example, some USB flash drives can work with Windows XP, Apple Mac and Linux while other USB flash drives may work with Windows but not with Mac. This is because some drive manufacturers test their devices with the Windows XP platform only, not fully in compliance with the specifications of the USB consortium of testing on most platforms. This also explains why Linux does not support all USB Mass Storage Device Classes (USB MSC).
Does USB Direct work with Apple iPods?	USB Direct can work with Apple iPod Shuffle, but not the other iPods such as iPod Video, iPod Nano and iPod Photo.
Does USB Direct work with Philips GoGear?	USB Direct works with most Philips GoGear MP3 players such as the SA11xx, SA12xx, SA13xx series, but not with hard disk based MP3 players.
When I plug in a USB device in the WAC3500 and switch to USB mode, the display shows a message 'No USB device detected'. What does this mean?	This means your USB device cannot be recognized by USB Direct.
Does USB Direct support the play back of protected contents?	No. The USB Direct feature of WAC3500 does not support playback of any protected music files on the Center.
Why does it take so long to display the contents on my USB device?	This could be due to the large number of files or the size of the files on your USB device. Or, there could be other non-supported file formats on your USB device that the system is trying to read.

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Question	Answer
How are the songs sorted when the USB device is plugged into the WAC3500?	The songs will be scanned and categorized into: Playlists, Artists, Albums, Genres and All tracks.
What is the maximum number of tracks that the WAC3500 supports?	WAC3500 supports a USB device with a maximum of 9999 tracks.
Why does the system not play some of my music files?	Only music files in the following formats are supported: • MP3 (bit rates from 8 to 320 kbps; sampling frequencies from 8 to 48 kHz); • WMA (v7 & v9 'Standard' audio, CBR or VBR, with bit rates of up to 192 kbps with any standard sample frequency.) • AAC (AAC-LC audio up to L3 in MPEG-4/.m4a files.)

Philips has tested and confirmed that the WAC3500 supports the following products:

Flash Player	**Philips**	KEY007, KEY010, KEY013, HDD1XX (HDD100 / HDD120), SA16X (SA160 / SA164 / SA165 / SA167 / SA169), SA170, SA175, SA177, SA179, SA159, SA26X (SA261), PSA61X / PSA612, HDD084, HDD1XXX (HDD1830 / HDD1420 / HDD1620 / HDD1630 / HDD1835), HDD6XXX (HDD6320/00), SA1100/02, SA1115/02, SA12XX, SA13XX (SA1300/02), SA2000, SA40XX, SA5000, PMC7230, SA9XXX (SA9200, Flat I), SA21XX, SA31XX, SA41XX, SA51XX
	Apple	iPod Shuffle, Shuffle Gen 2, Mini, Nano Gen 1/2, Photo, Video Gen 1/2
	Creative	Zen Micro, MuVo TX FM, MuVo Micro N200, MuVo VIDZ, Zen Music.Photo Vision:M, DMPFX200
	Sony	NW-HD3, NW-E105,NW-E307
	iRiver	U10CT (0081) OR 103, H10, T10
	JNC	SSF-F302
	Samsung	YP-T7V
	SanDisk	Sansa m260
Flash Drive	**SanDisk**:	Cruzer Flash Drive, Cruzer U3 Flash drive
	Sony	Mirco Vault Elite
	Toshiba	Flash memory U3
	PQI	PQI

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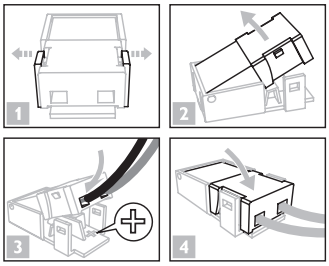
19 Troubleshooting

Warning!
Never try to repair the system yourself as this will invalidate the warranty. Do not open the system as there is a risk of electric shock.
If a fault occurs, first check the points listed below before taking the system for repair. If you are unable to resolve a problem by following these hints, consult your dealer or Philips for help.

Problem	Solution
I get interference on my wireless (Wi-Fi) link between the Center and Station/PC. The WAC3500 operates in the 2.4GHz radio frequency spectrum. Many other household / IT devices also operate in this frequency spectrum, for example: microwave ovens, DECT phones, Bluetooth devices such as headphones, computer mouses, wireless routers, cordless phones, Wi-Fi compatible printers, PDAs. These devices can interfere with the Wi-Fi link between the Center and your PC, resulting in interference such as pause during playback, slow response to your operation, etc. The severity of interference varies depending on the extent of radiation from the device and the strength of Wi-Fi signals in that position.	If you are playing the set, stop playback and take the appropriate measures as follows: • Keep the Center at least 3 meters away from such devices. • Use the WEP/WPA/WPA2 key when connecting the Center to an existing wireless PC network. To set WEP / WPA / WPA2 key, connect Center to your PC using Philips Wireless Audio Device Manager (WADM) in the by-packed PC Suite CD. In the Device Configuration of WADM, enter the Wireless Network submenu. In the Device Wireless Authentication Type, select WEP or WPA / WPA2. • Change the operating channel of the Center when connecting it to an existing wireless PC network. To change channels, connect the Center to your PC using Philips Wireless Audio Device Manager (WADM) in the by-packed PC Suite CD. In the Device Configuration of WADM, enter the SSID of your Wireless Network and select Ad-hoc mode. See Connect to your PC in this manual and the WADM help file. • If possible, change the operating channels of the other Wi-Fi devices in your home. • Turn the devices in different directions to minimize interference.
I accidentally pulled the speaker wires out of the clip.	Follow the illustrations below to reinsert the speaker wires (gold wire to the hole marked '+' and silver wire to the other hole). 

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Problem	Solution
The remote control does not function properly.	• Reduce the distance between the remote control and the set. • Insert the batteries with their polarities (+/- signs) aligned as indicated. • Replace the batteries. • Point the remote control directly towards the IR sensor.
The WAC3500 Center's screen is stuck in a menu or shows no response for a long period of time (2-5 minutes).	First try to press ⏻ to enter the power saving mode. If the problem persists, disconnect and reconnect the power plug to restart the WAC3500.
'No Disc'/ 'Cannot read CD' is displayed.	• Insert a suitable disc. • Check if the disc is inserted with graphic printed side facing up. • Wait for the moisture condensation on the lens to clear. • Replace or clean the disc, see **1.5 Maintenance**. • Use a finalized CD-RW or CD-R.
Sound cannot be heard or is of poor quality.	• Adjust the volume. • Disconnect the headphones. • Deactivate **MUTE**. • Connect the speakers properly.
The disc skips tracks.	• Replace or clean the disc. • Deactivate **SHUFFLE**.
Sound skips during MP3/WMA playback.	• The MP3 / WMA file may be made at a compression level exceeding 320kbps. Use a lower compression level to rip audio CD tracks. • Replace or clean disc.
Some files on the USB device are not displayed.	• Only completely recorded MP3 / WMA files can be found and played by WAC3500. Check if the file has been recorded completely. • DRM-protected WMA files cannot be played on WAC3500.
Radio reception is poor	• If the signal is too weak, adjust the antenna or connect an external antenna for better reception. • Increase the distance between the set and your TV or VCR.
There is interference on the radio reception whenever the Center is near my PC. Such interference happens to most built-in tuner products.	• Install the supplied FM wire antenna for better reception. • Keep the Center at least 1 meter away from your PC.
Some WADM functions cannot be used.	Your anti-virus software might affect the running of the WADM. Turn off your anti-virus software temporarily.

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Problem	Solution
I edited ID3 tags in WADM, but the screen does not show the updated ID3 tags. What shall I do?	• Go to **File** > **Refresh Content** to refresh the WADM. • Restart WADM.
Backup function no longer works.	This is because the previously backed up file was deleted in Windows Explorer. Do not delete the file in this way. If you want to delete the back up file, please use WADM to manage. If the backup file is accidentally deleted, please find the file named YOURMAC.inx by using search tool of your Explorer and then delete it. Only after that you can do a backup again.
I have problem installing WADM or after installation, I cannot launch WADM.	• Please make sure your Operating System is either Windows 2000 with service pack 4 and above, or Windows XP. • Please check if your PC has a virus.
I see the message "Check the internet setup for Gracenote online" even though I am sure that the WAC3500 is connected to my home wireless network with internet connection.	• Please go to **Menu** > **Settings** > **Network** > **Internet** to check if your DNS server is correctly set up. Also make sure that you have set up the proxy server, if your home wireless network needs a proxy server for the internet connection. • There is a chance that you are already successfully connected to Gracenote® online, but your CD is not in their database.

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